















shes

QL  
615  
B65  
1783  
Atlas  
SCHHRB

Division of Fishes,  
U. S. National Museum

Bloch, Marcus E.

Ökonomische naturgeschichte  
fische Deutschlands.

Atlas. pl. 1-108

124241

C

Note: The number for the plates in this  
volume is continued in the atlas of the  
"Ökonomische naturgeschichte der Ausländischen fische".

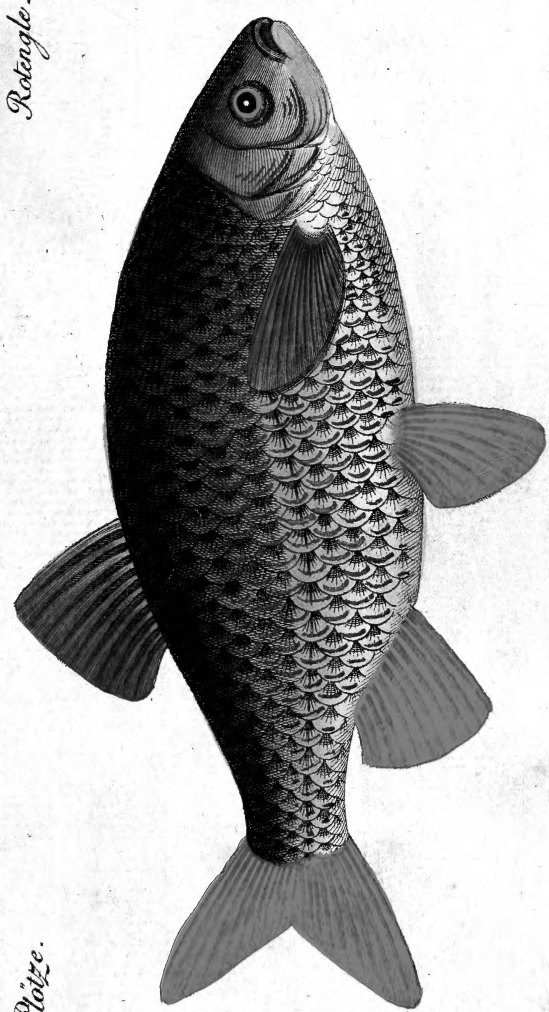
Plates to Nat. Hist. of  
Fishes of Germany

S. F. BAIRD.

1<sup>re</sup> Taf.

The Rud.  
Rotengle.

CYPRINUS ERYTHROPHthalmus.  
Die Plötze.



Bodendr. sc.

Krüger. jun. del.



1-1-1971

DSI

CYPRINUS RUTILUS.

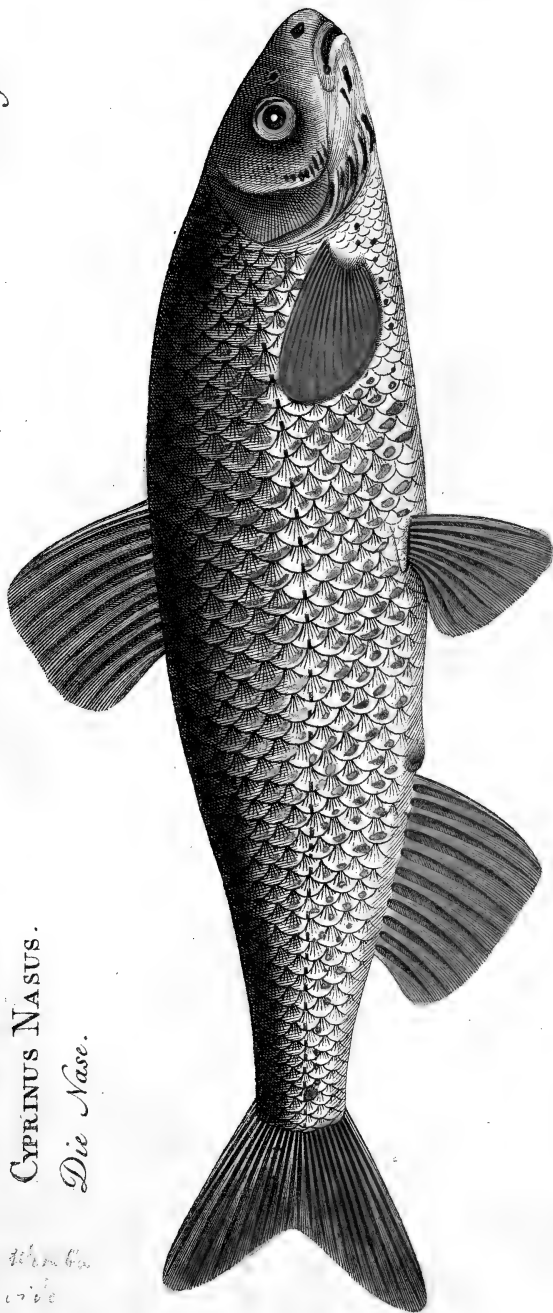
Das Rothauge.

La Kasse.  
The Roach.





3<sup>te</sup> Taf.

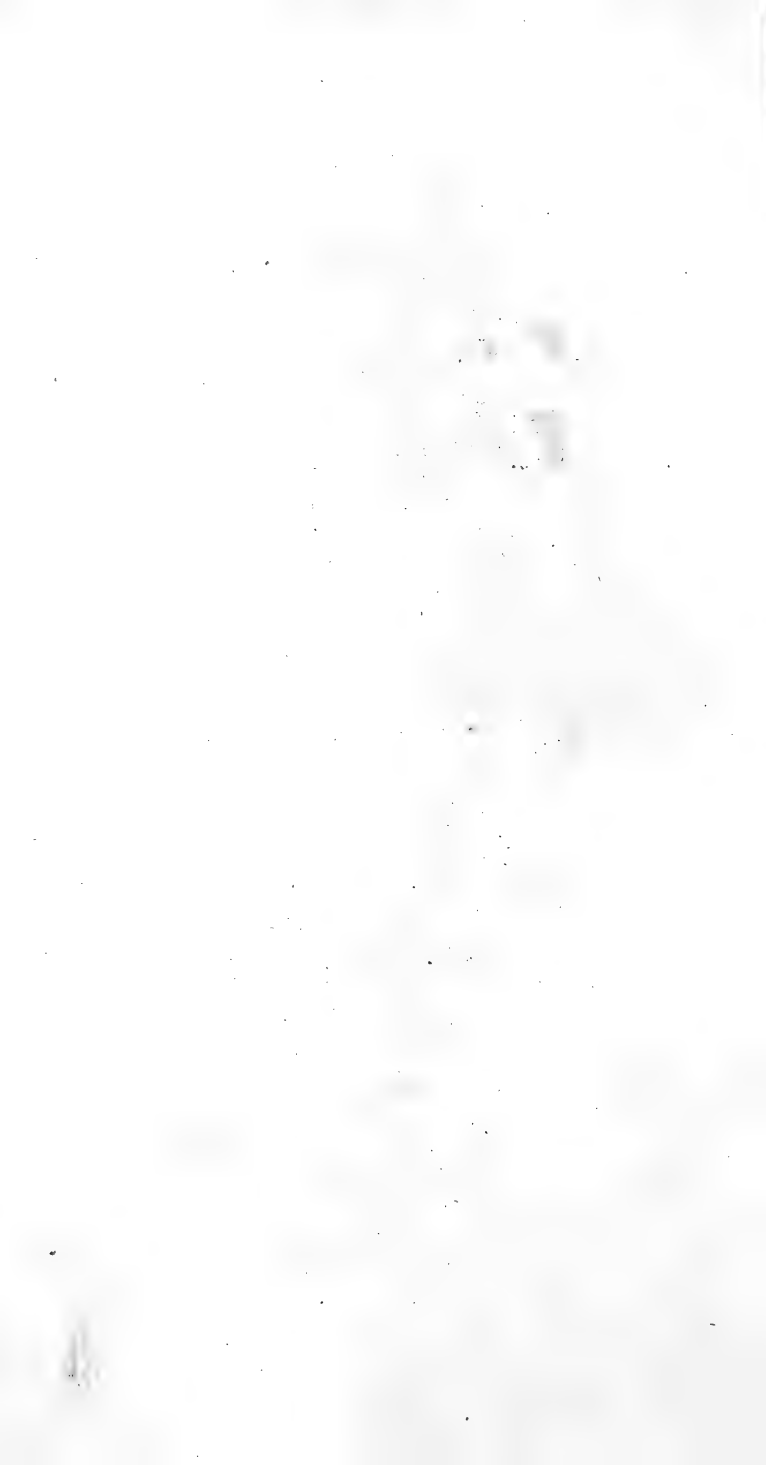


CYPRINUS NASUS.

Die Nase.

*Cyprinus nasus*  
*Carassius auratus*

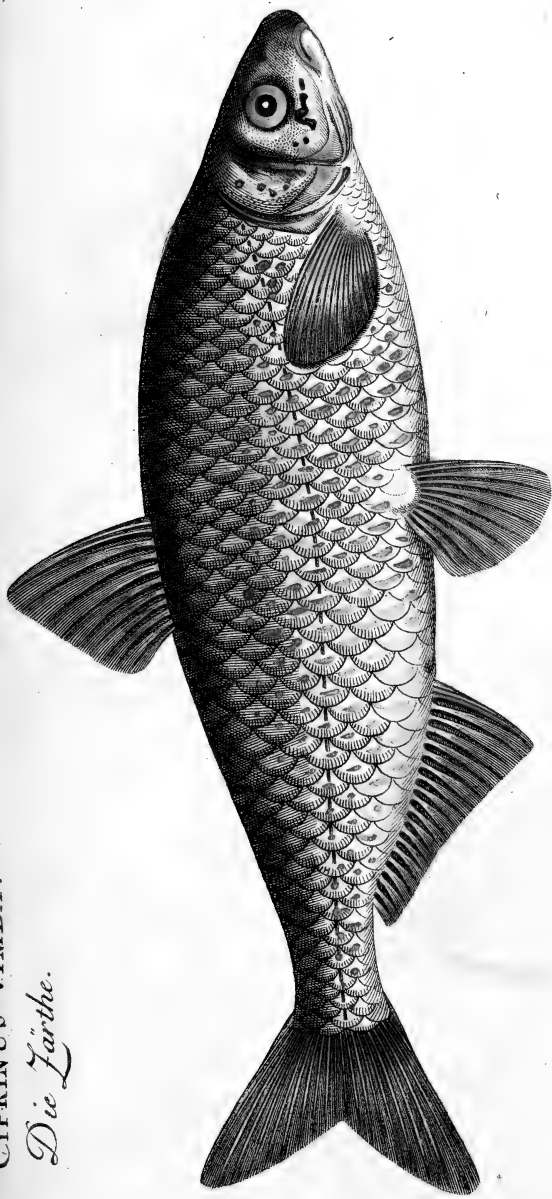
*Edinger's Sam. Wiss. Sam. 1853*





CYPRINUS VIMBA.

*Die Zärthe.*





5<sup>te</sup> Taf.

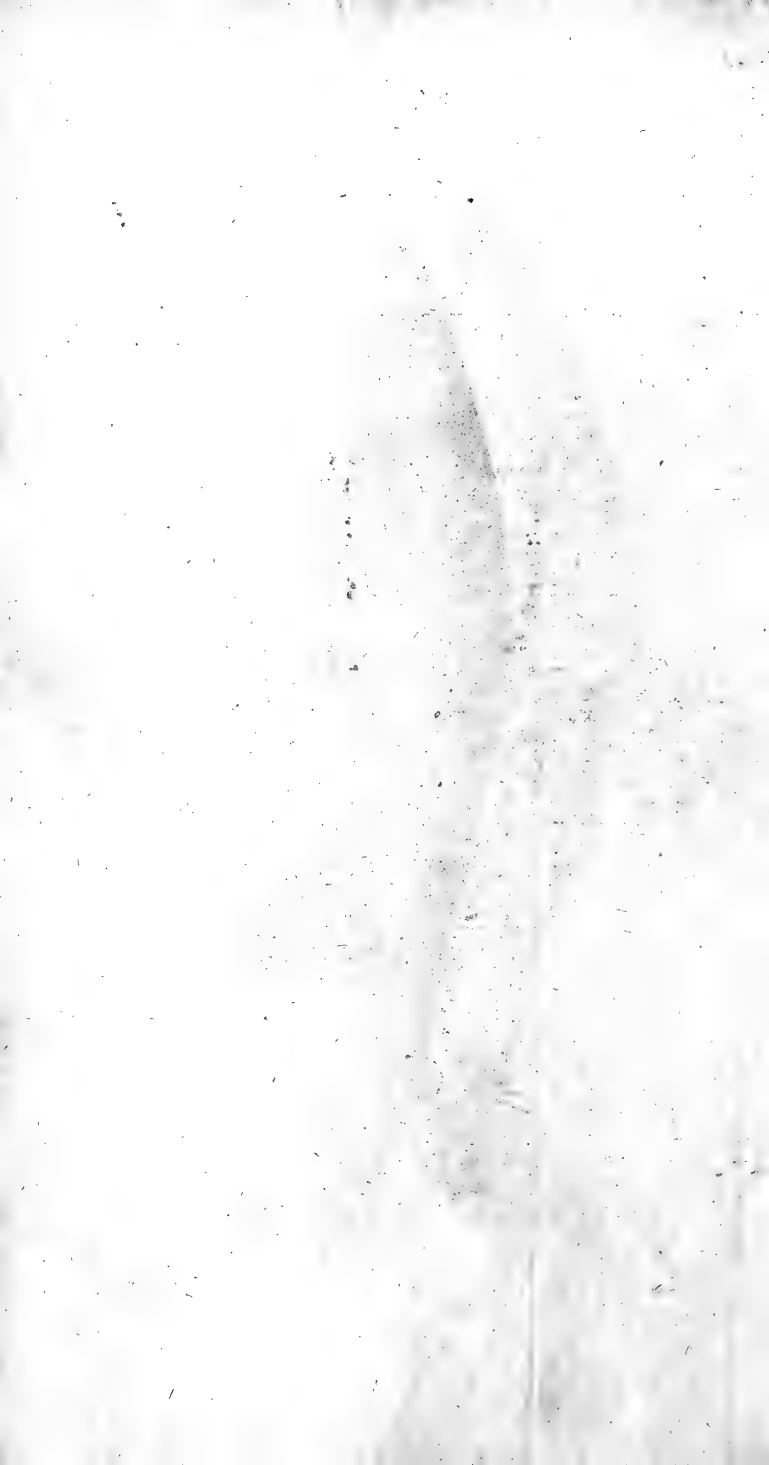
CYPRINUS DOBULA.

Der Döbel.



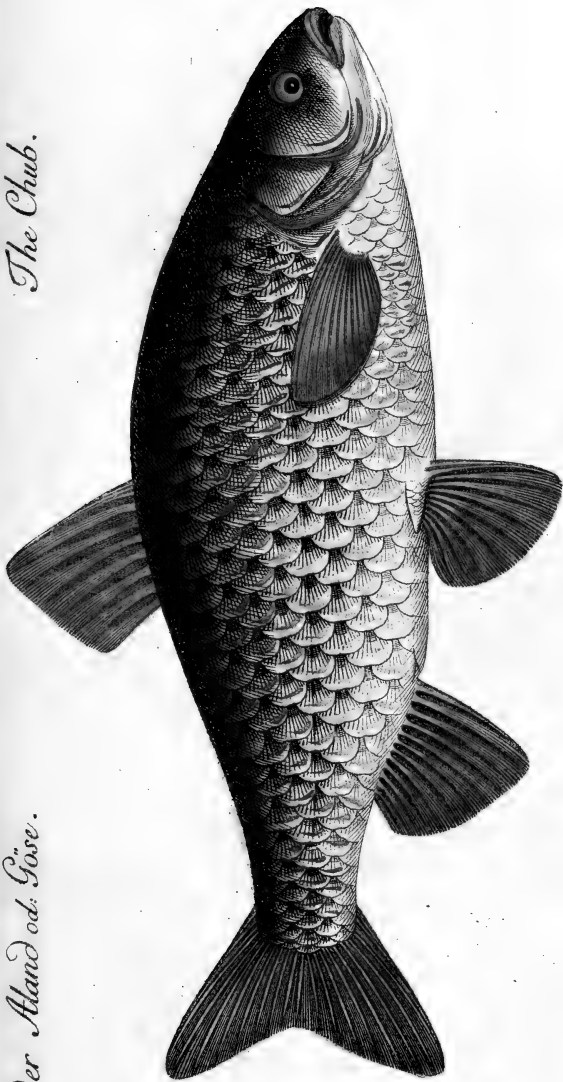
Krüger jun. del.

Bodenehr. sc.



CYPRINUS JESUS.  
*Der Aalnd od. Göse.*

*Le. Vilain Oule Meunier.*  
*The Chub.*







CYPRINUS ASPICIUS.

Der Raapfe.



Krüger, jun.: del.



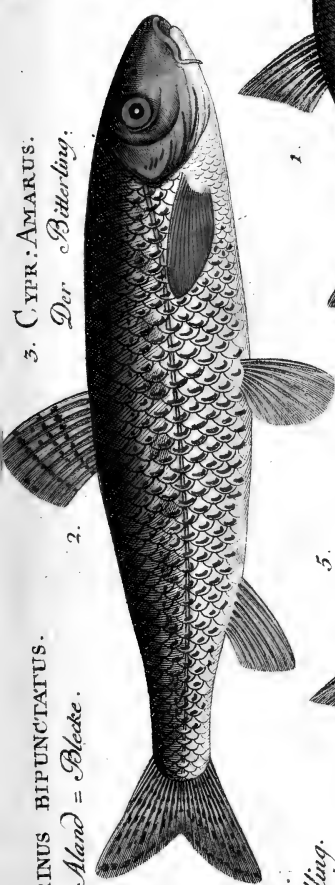
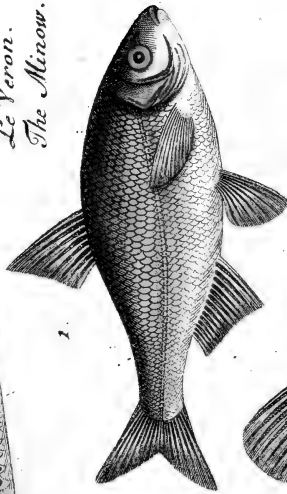


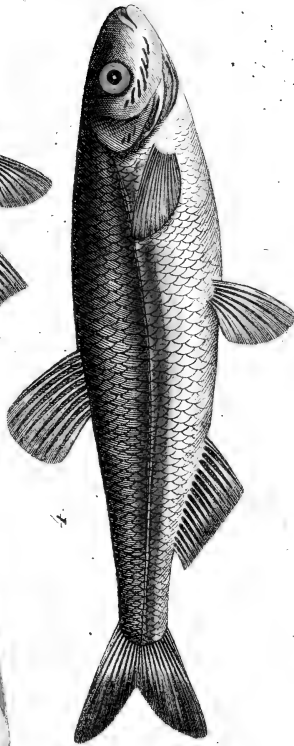
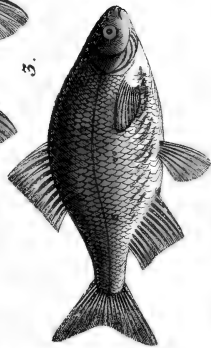
FIG. 1: CYPRINUS BIPUNCTATUS.  
Die Aland = Blecke.

3. CYPR: AMARUS.  
Der Bitterling.

5. CYPR: PHOXINUS.  
Die Elritze.  
Le Veron.  
The Minnow.

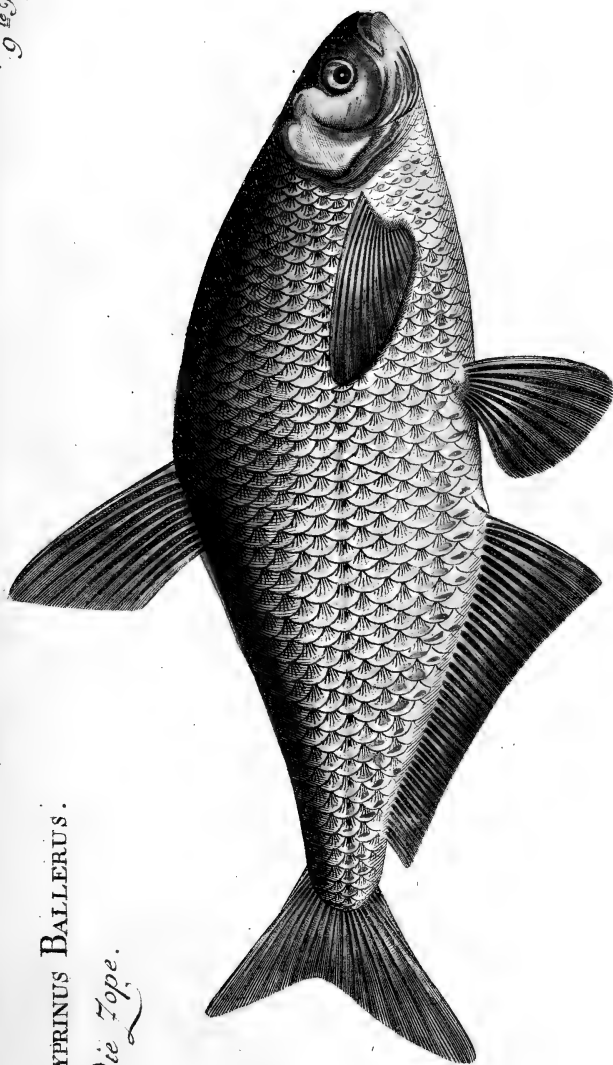


CYPR: GOBIO.  
Der Grundling.  
Le Goujon.  
The Gudgeon.









CYPRINUS BALLERUS.

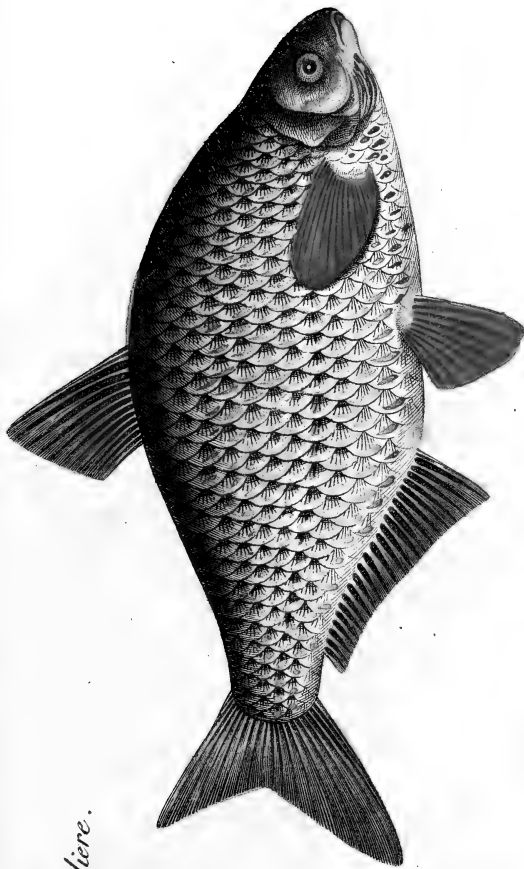
*Die Zope.*

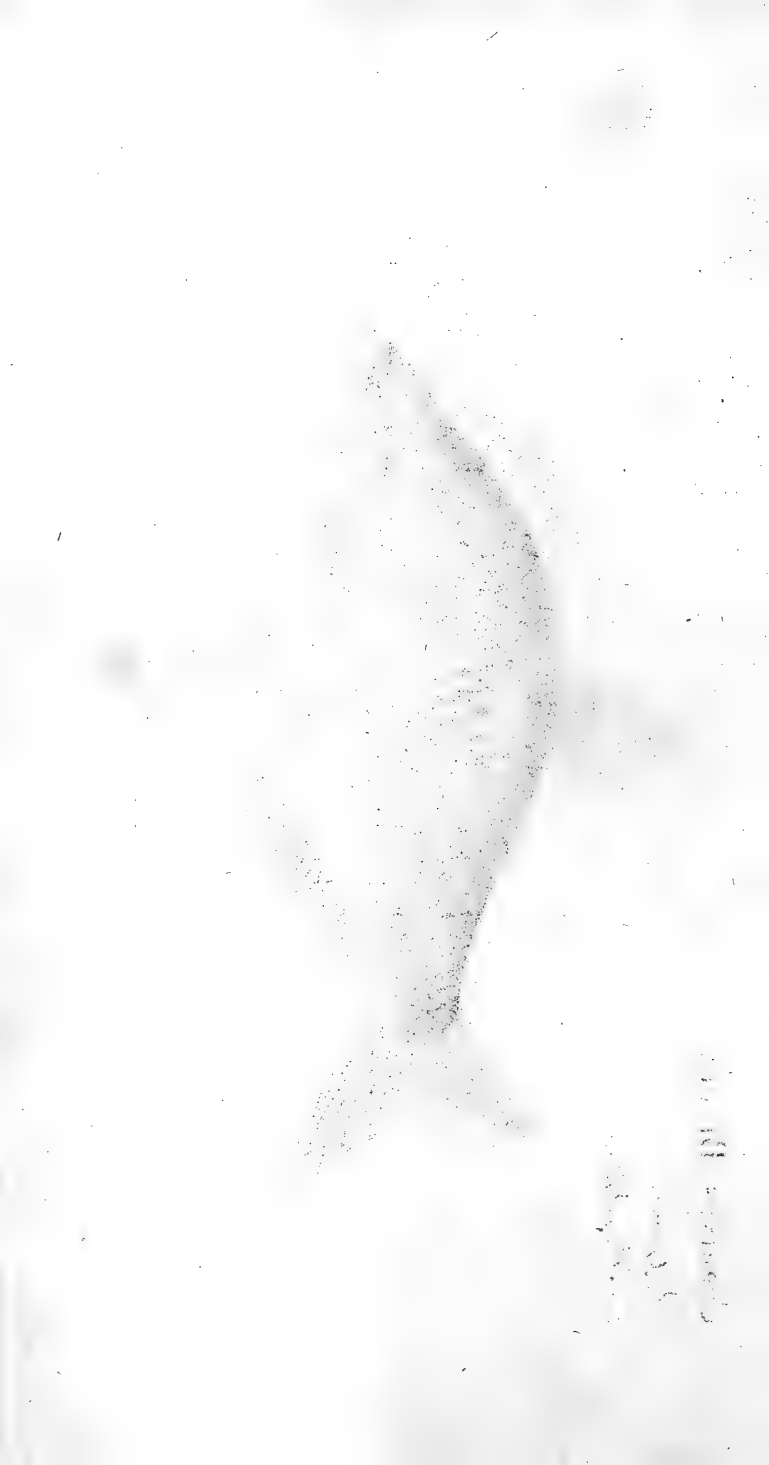


CYPRINUS BLICCA.

*Die Guster.*

*La Boreliere.*



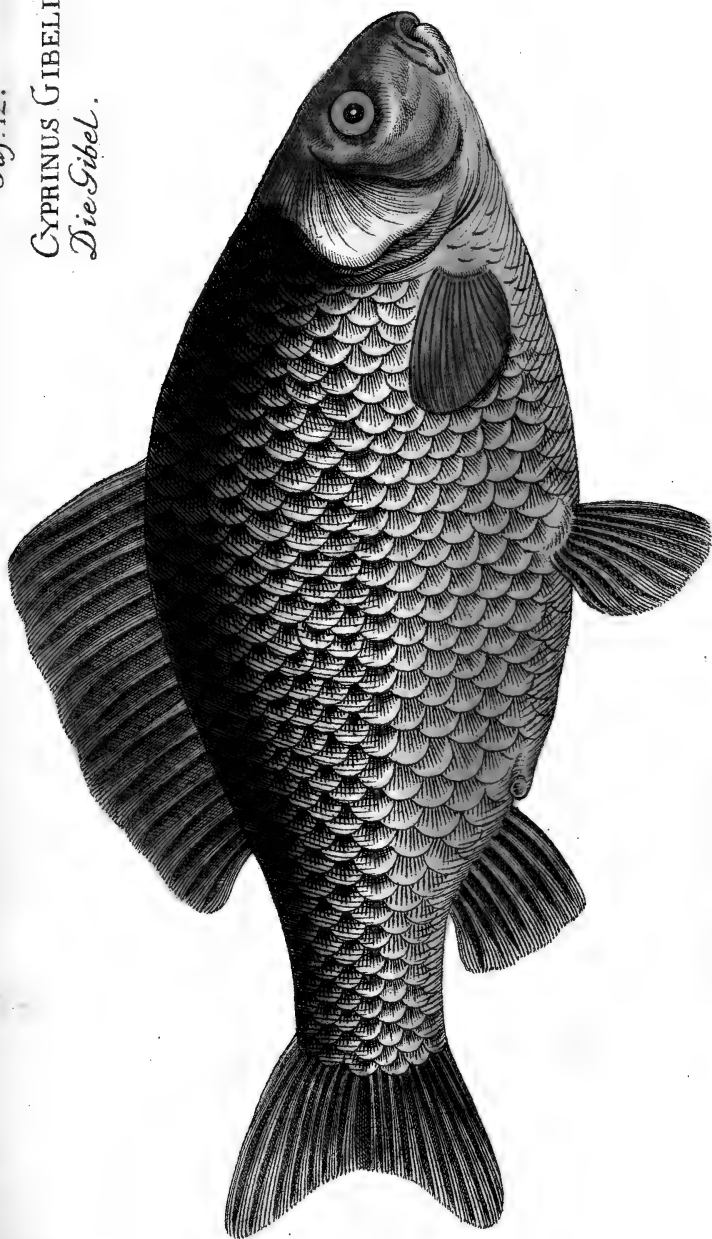


CYPRINUS CARASSIUS.  
*Die Karausche.*  
*Le Carassin.*  
*The Crucian.*





CYPRINUS GIBELIO.  
*Die Gibel.*





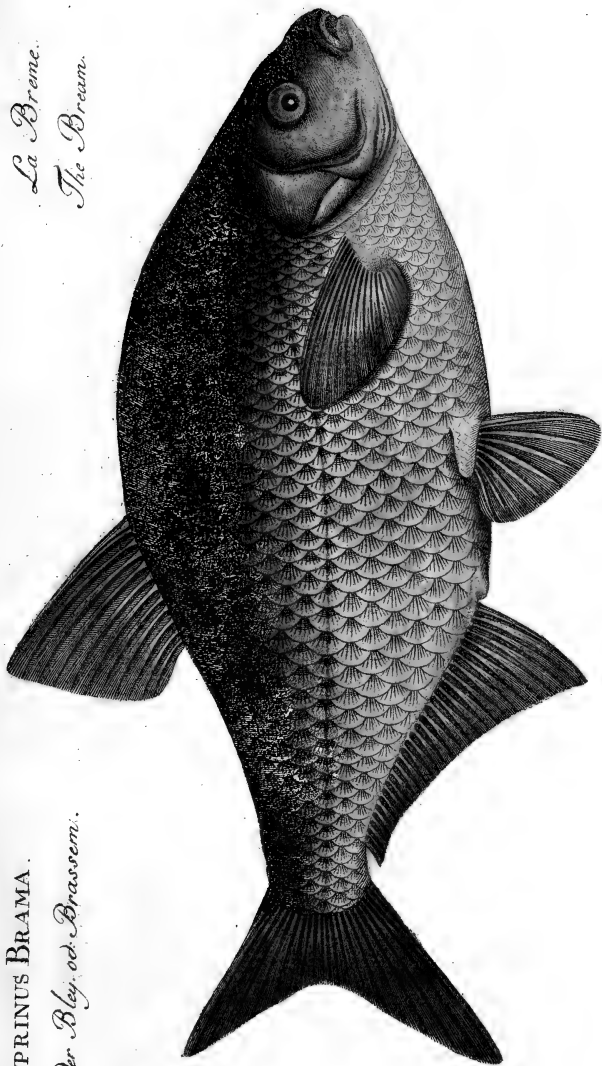


CYPRINUS BRAMA.

Der Bley, od. Brasseme.

La Breme.

The Bream.



Kruger jun. del.

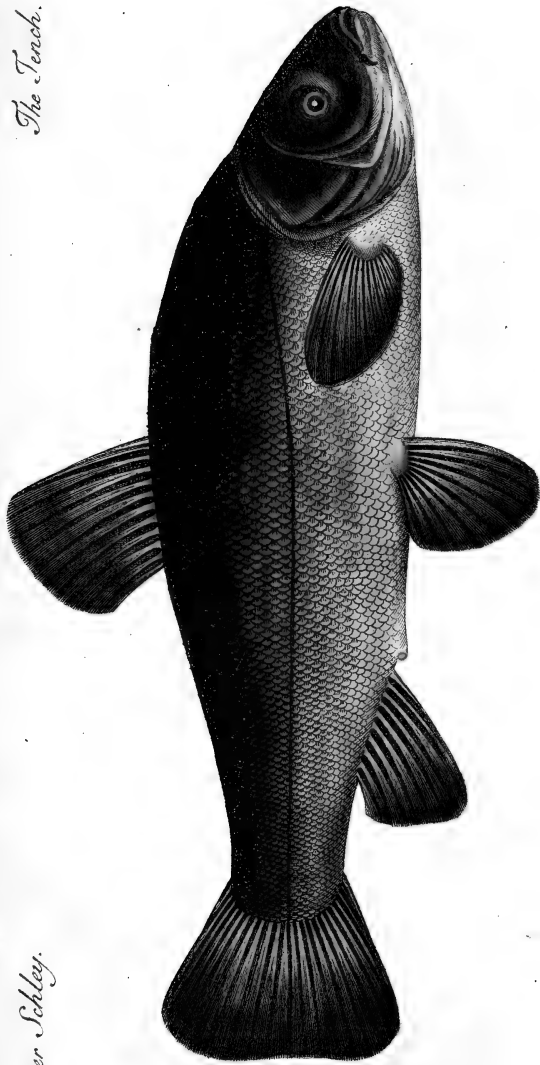
Bodenheimer sc.



14<sup>th</sup> Taf

La Tanche.

The Tench.



CYPRINUS TINCA

Der Schley.

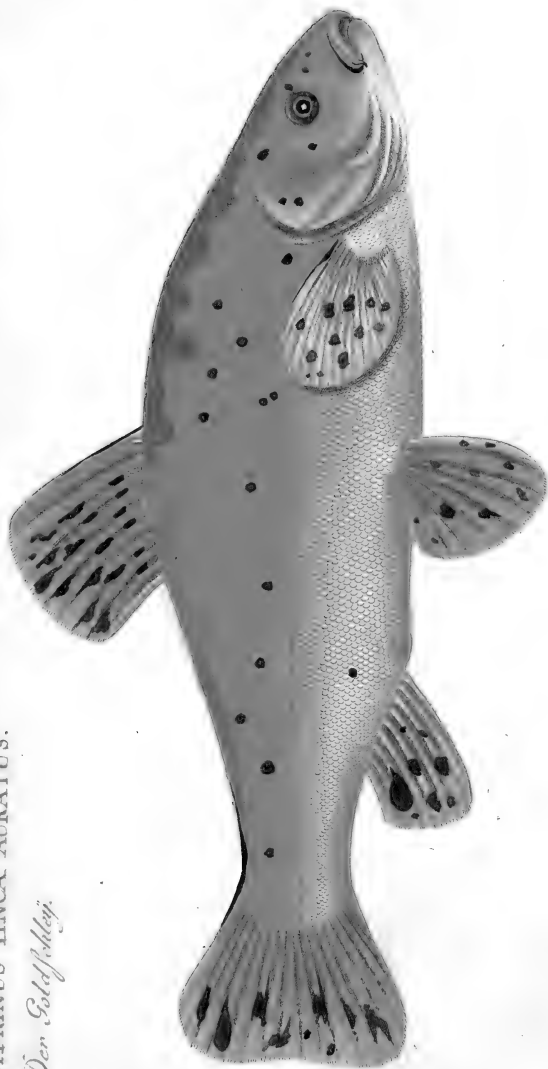
Bodenehr. sc.

Krüger. jun. Del.



CYPRINUS TINCA AURATUS.

*Der Goldschleyer.*



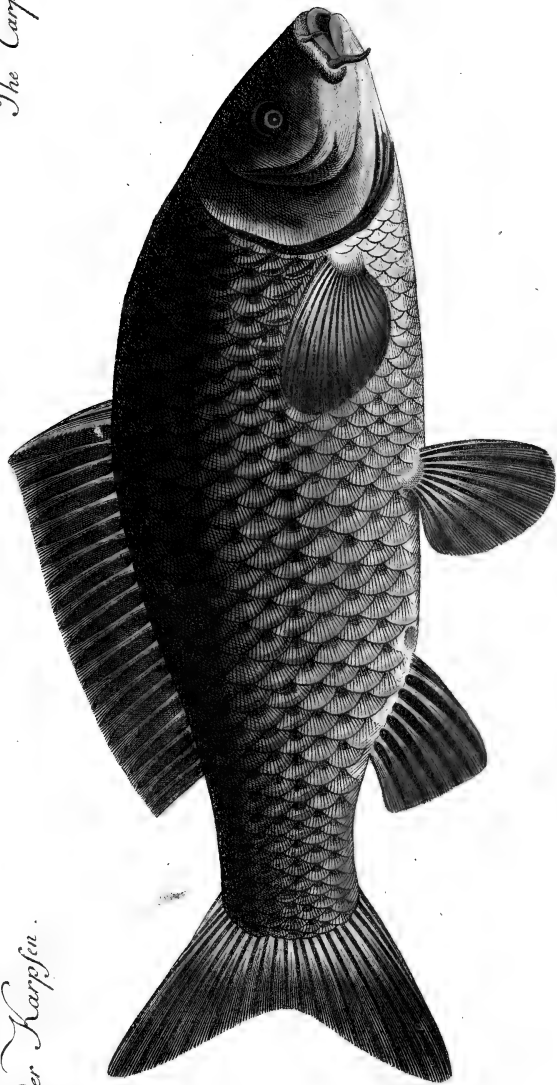
*Cyprinus tinca* L.

*Cyprinus tinca* L.



*Le Carp.  
The Carp.*

*Bodensehr. sc.*



*CYPRINUS CARPIO.  
Der Karpfen.*

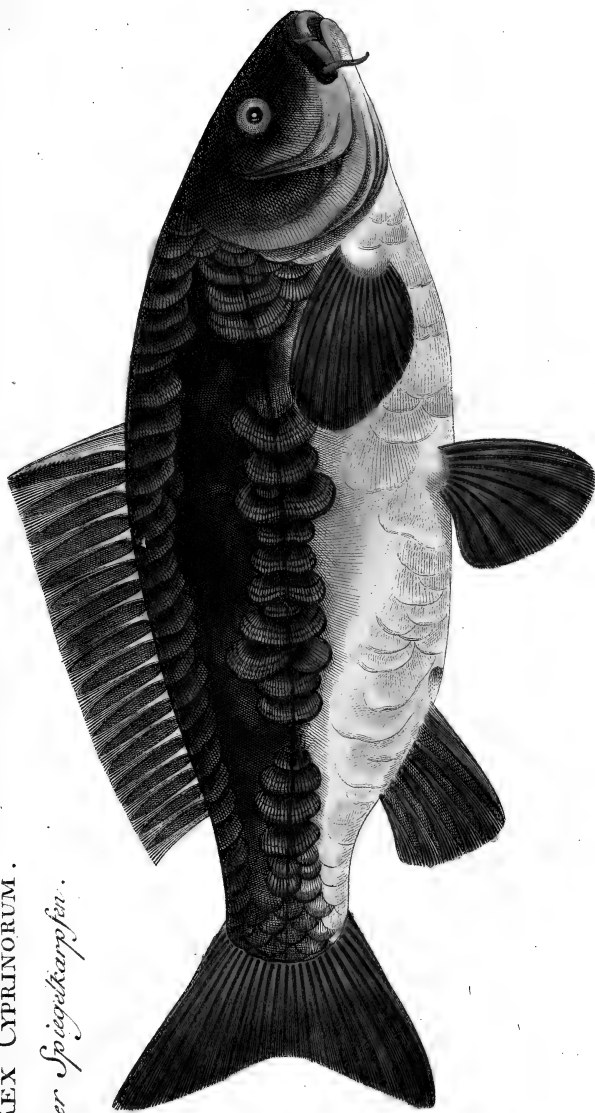
*Kruger, jun. del.*





REX CYPRINORUM.

*Der Spiegelskarpfen.*

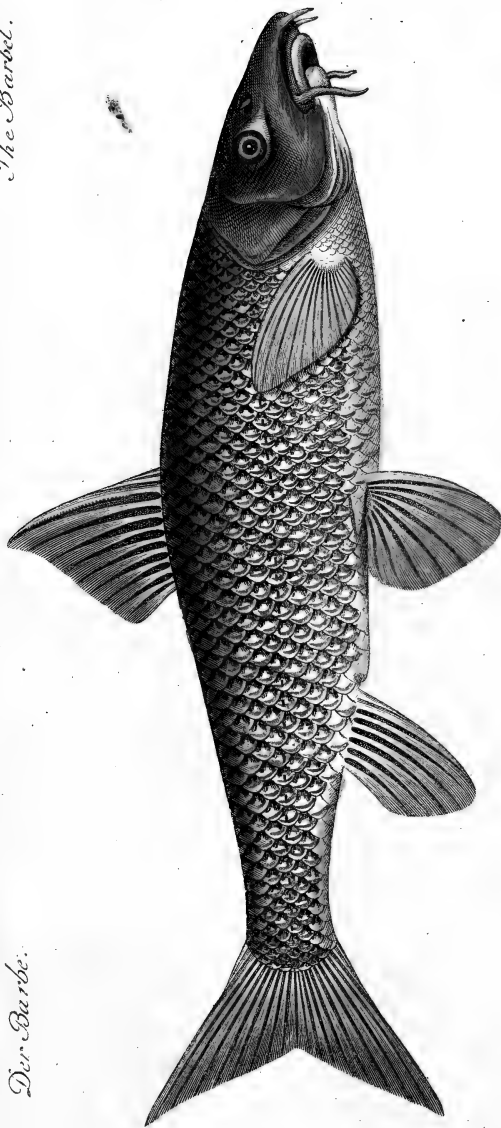


*Krieger, jun., del.*

*Bodenehr sc*



Le Barbeau.  
The Barbel.

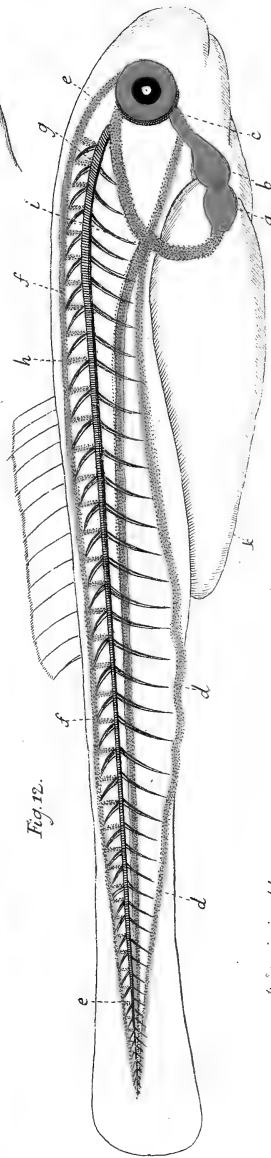
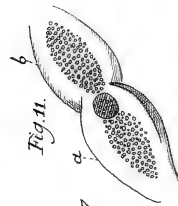
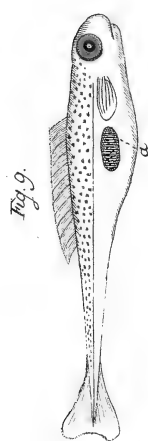
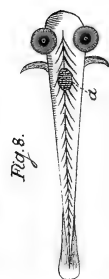
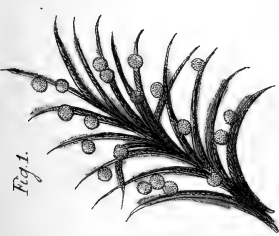


CYPRINUS BARBUS.  
Der Barbe.

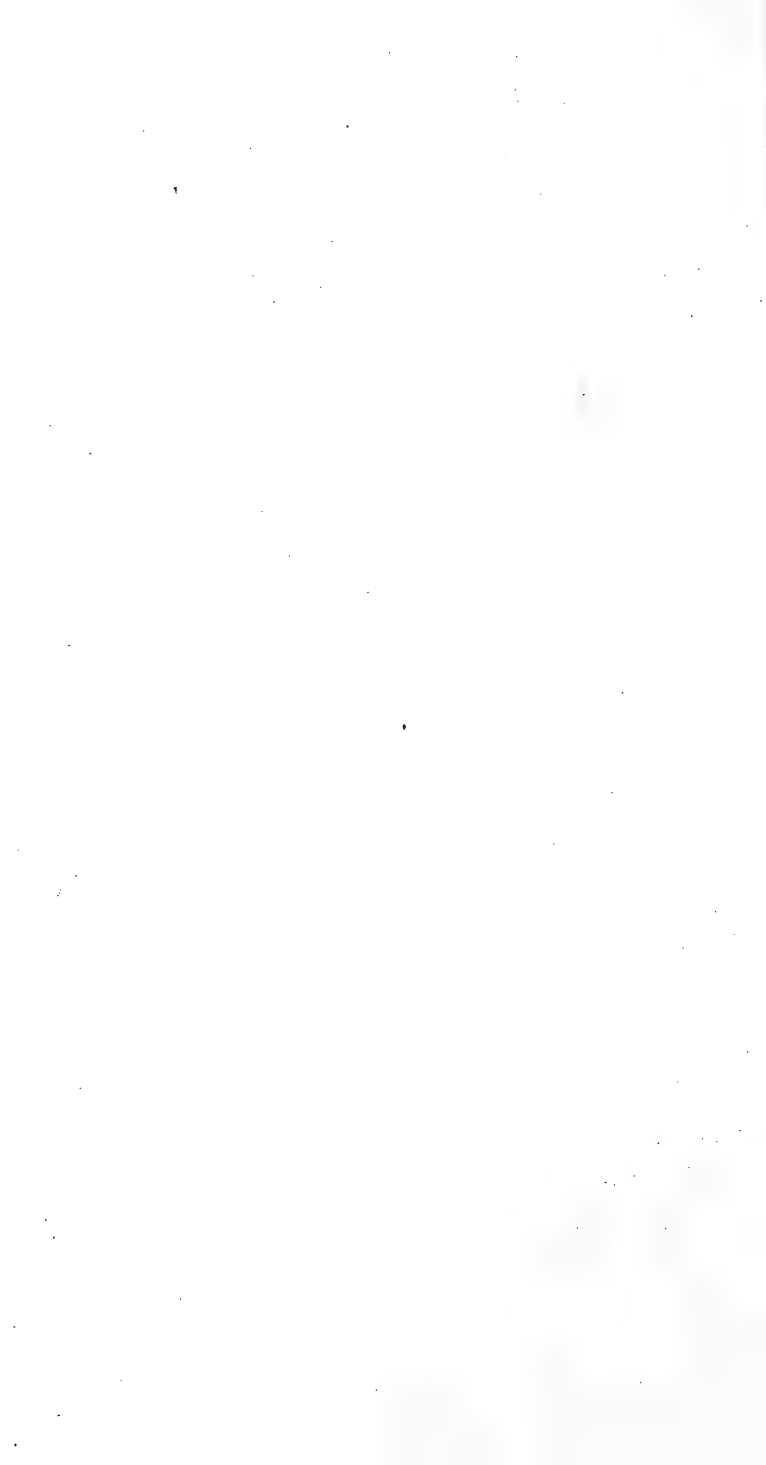
Krüger, jun. del.

Bodenheer, sc.



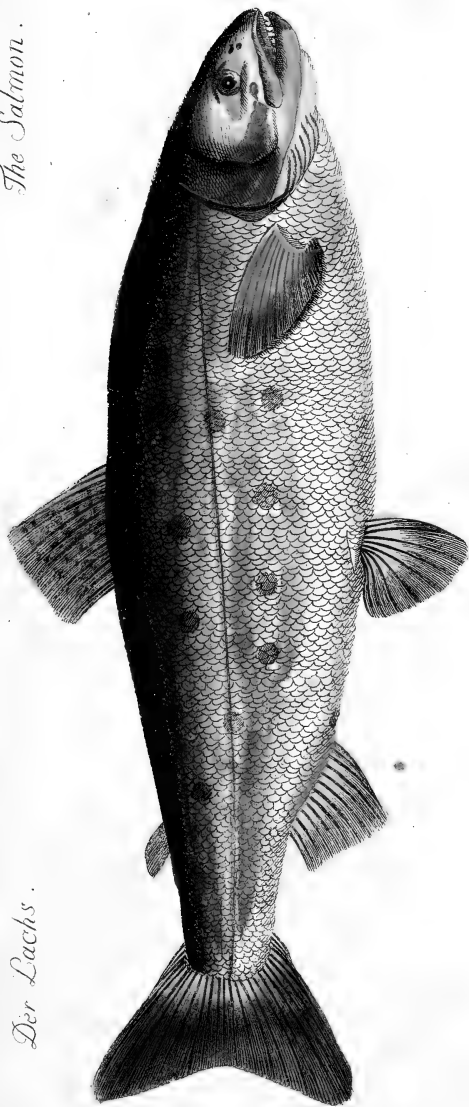


Krieger junior del.



*Le Saumon.*  
*The Salmon.*

*SALMO. SALAR.*  
*Der Lachs.*



*Salmo salar.*



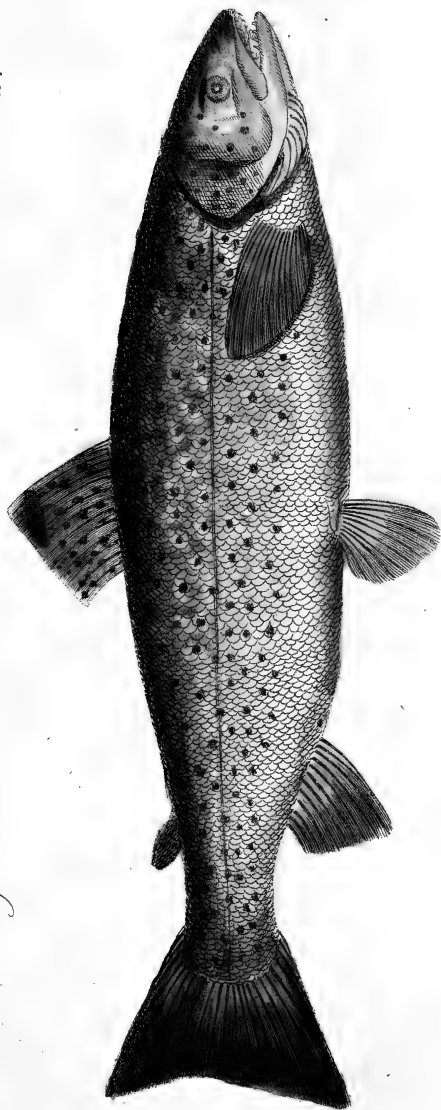


*La Truite.*

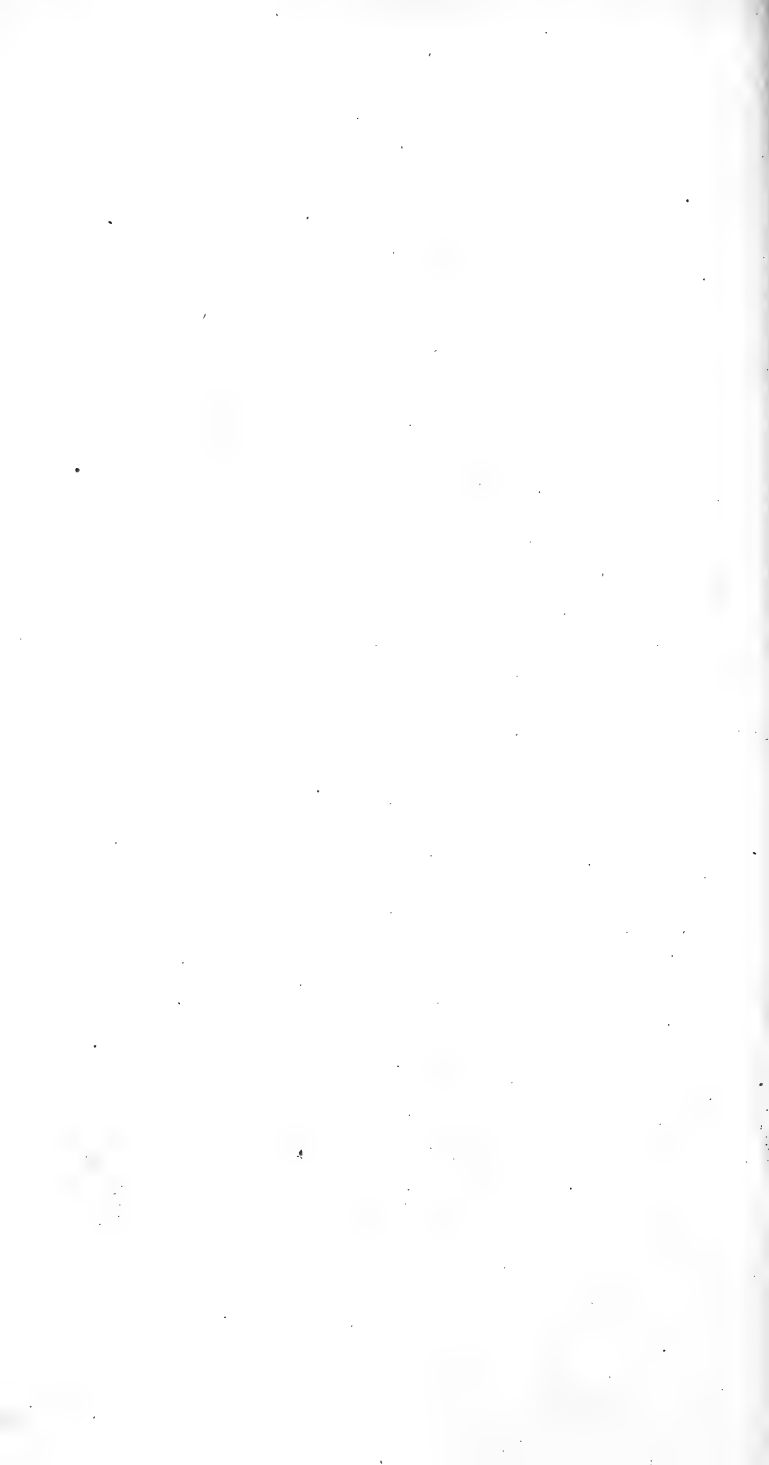
*The Trout.*

*SALMO TRUTTA.*

*Die Lachs forelle.*

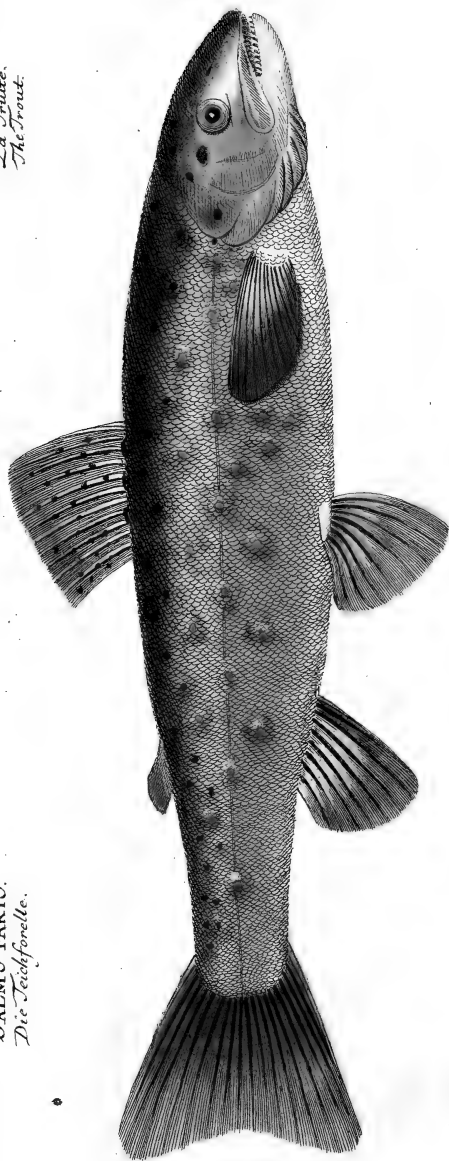


*Krüger. jun. del.*



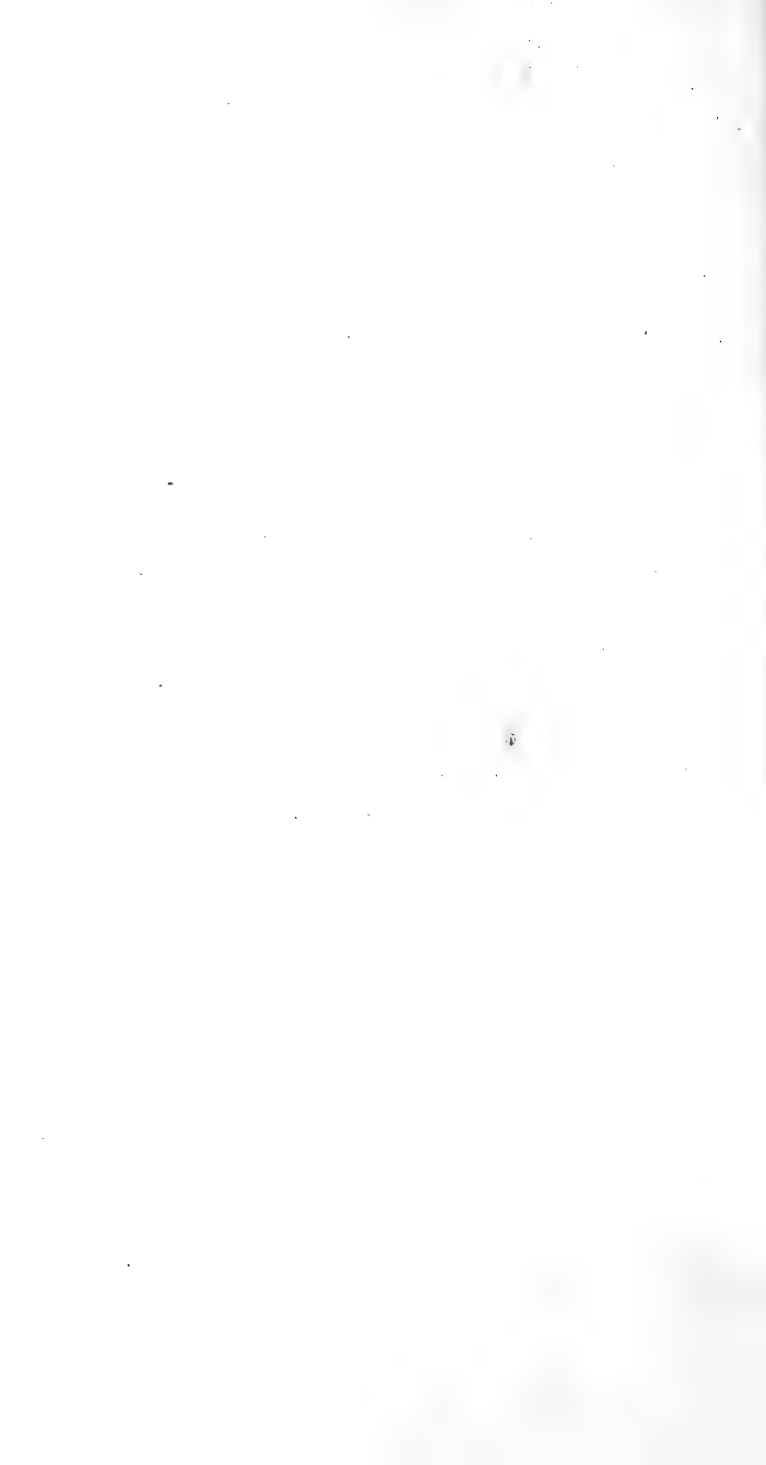
22.<sup>te</sup> Taf.

La Truite.  
The Trout.



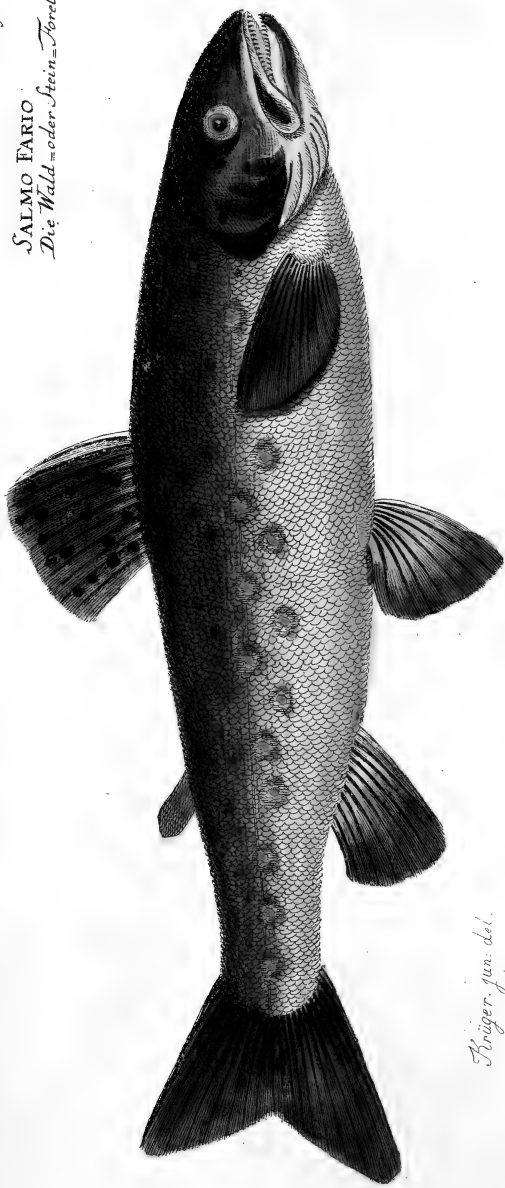
SALMO FARIO.  
Die Teichforelle.

Krüger. jun: del.



23te Taf.

SALMO FARO  
Die Wald- oder Stein-forelle.



Kröger. jun. del.

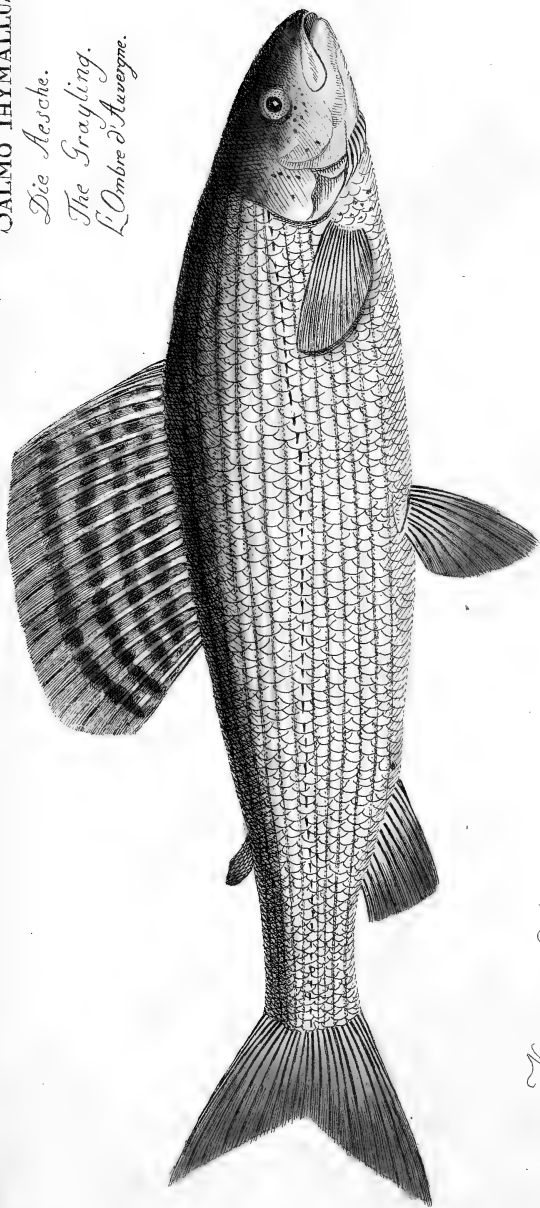


**SALMO THYMALLUS**

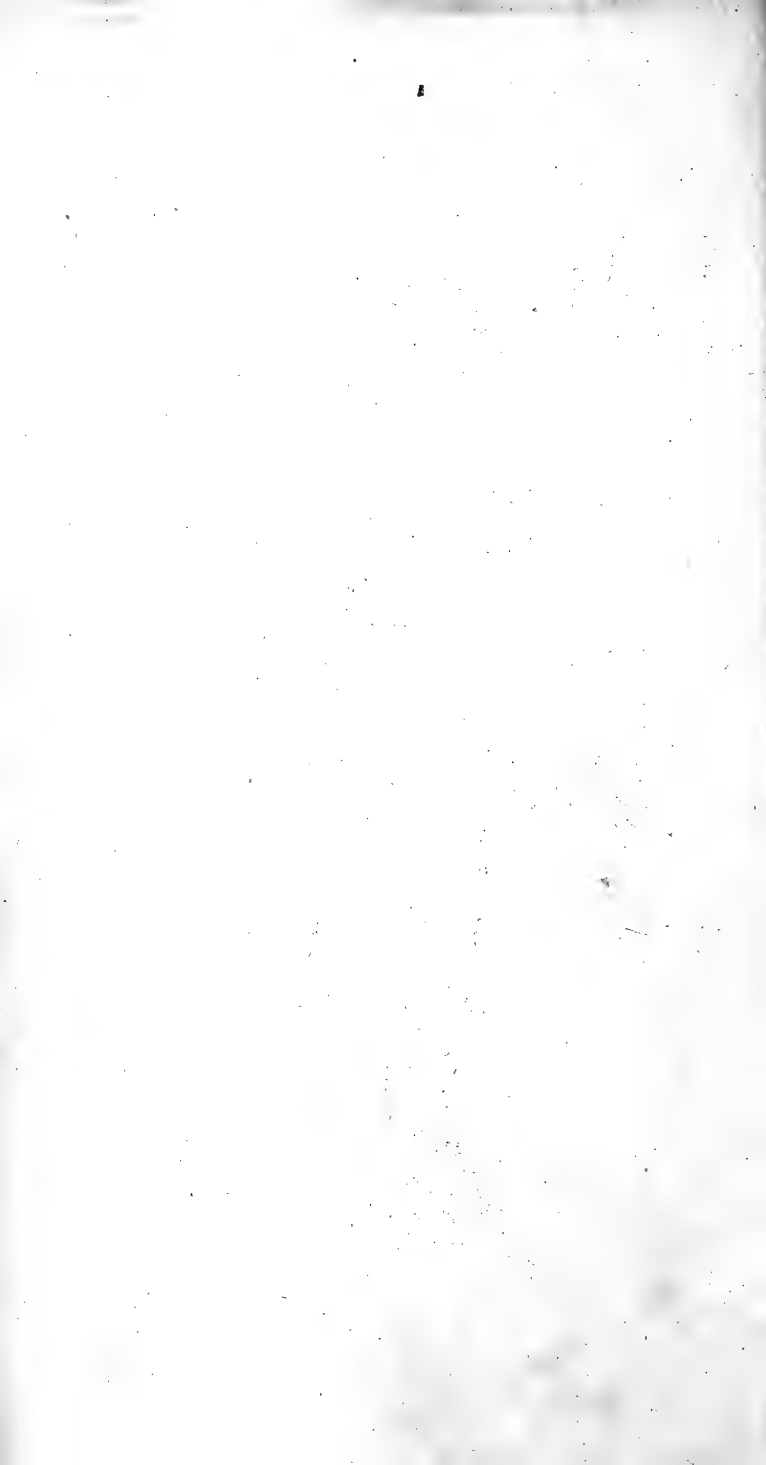
*Die Aesche.*

*The Grayling.*

*L'Ombre d'Auvergne.*



*Kröger. jun. del.*



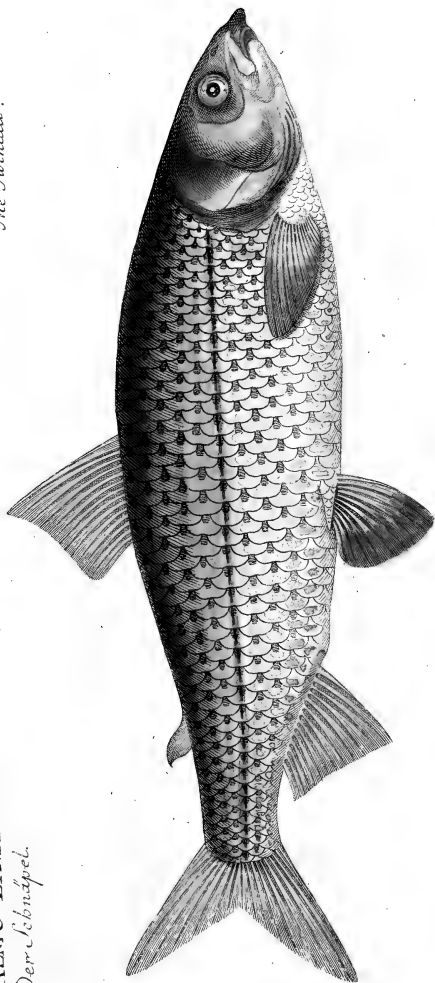


26<sup>te</sup> Taf.

*Le Lavaret.*  
*The Quinad.*

*SALMO LAVARETUS.*

*Der Schnäpel.*



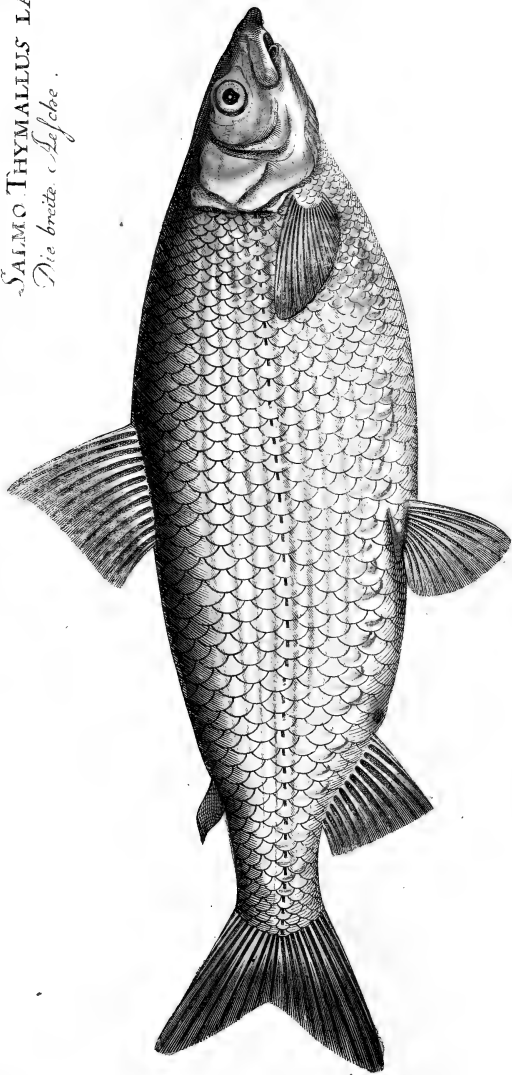
*G. Bodenehr Sc.*

*Krieger jun del.*



SALMO THYMALLUS LATUS

Die breite Aesche.

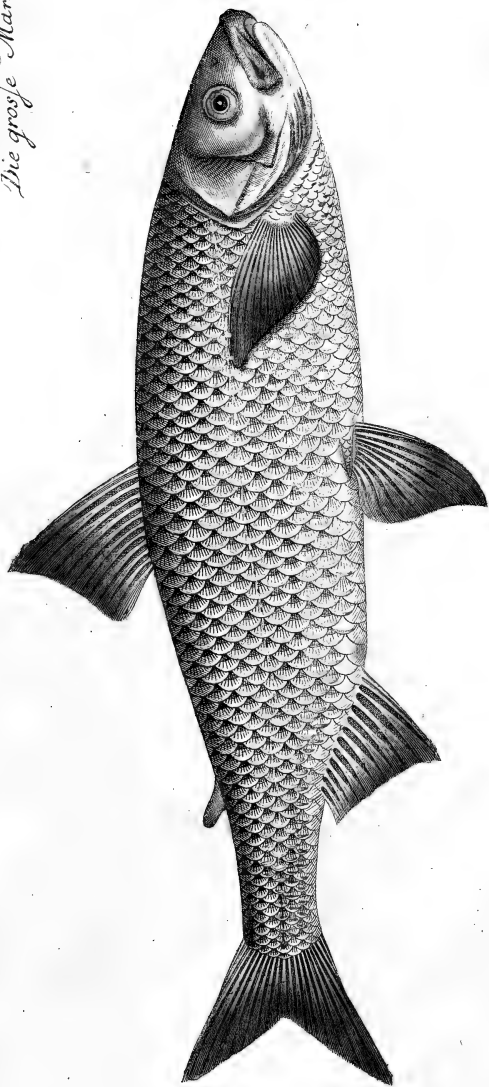


G. Bodenehr Sc.

H. Brügger jun. del.

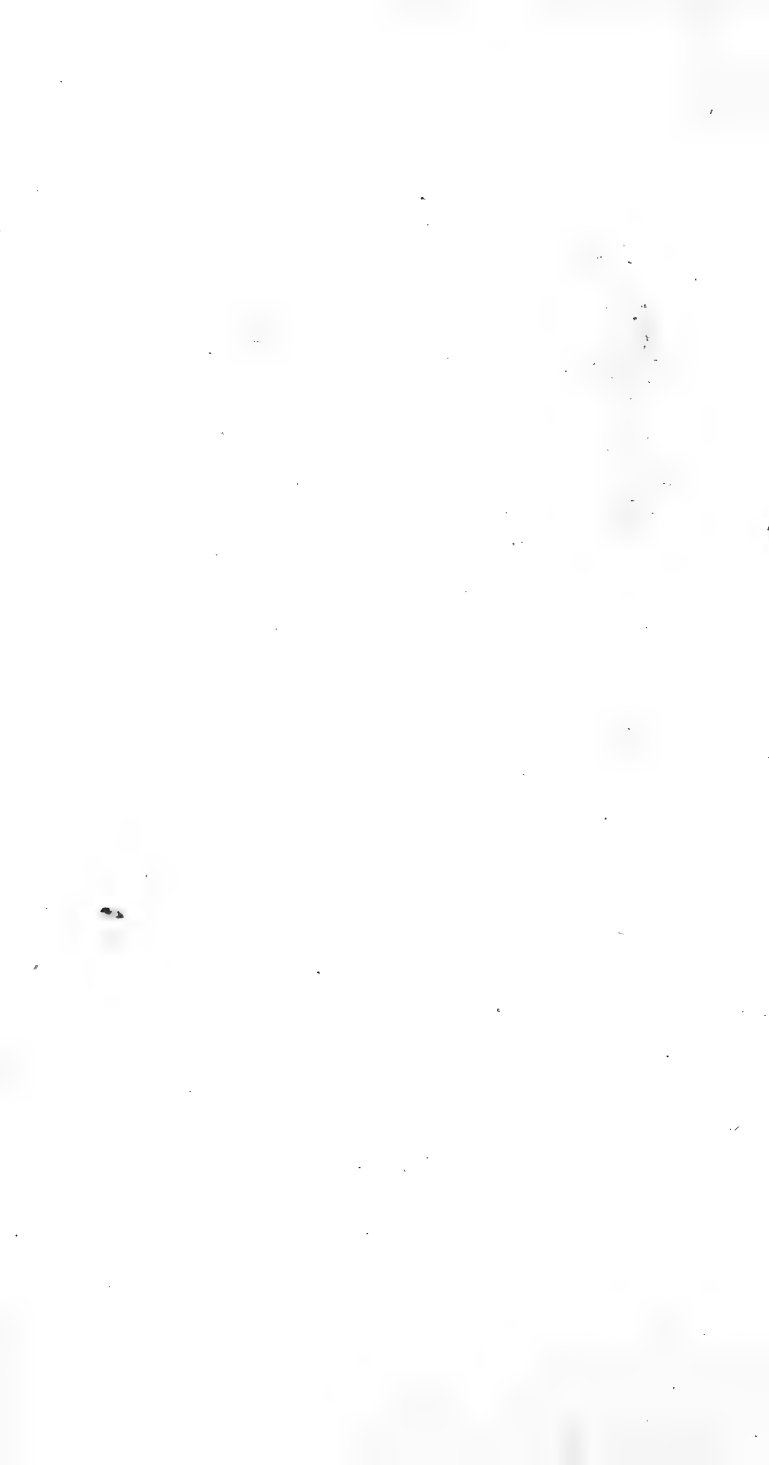


SALMO MARÆNA  
*Die große Maræne.*



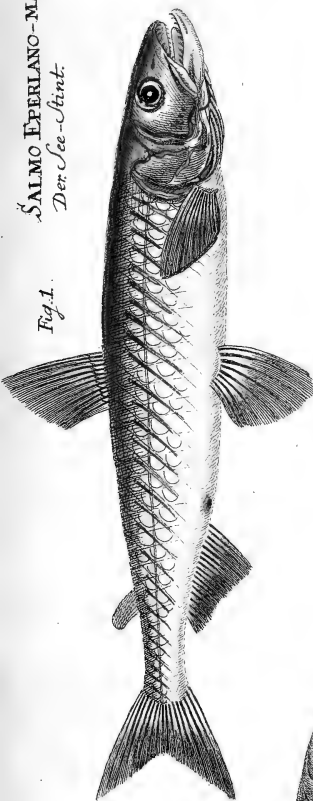
G. Bodenehr Sc.

*Träger jun. del.*



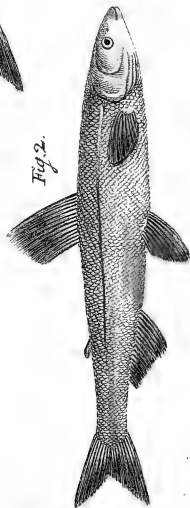
*SALMO EPERLANO-MARINUS.*  
*Der See-Stint.*

*Fig. 1.*



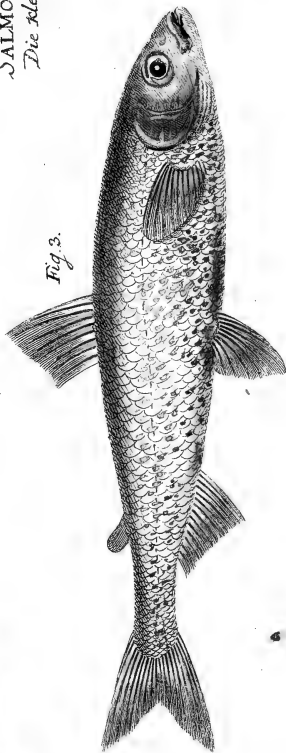
*SALMO EPERLANUS*  
*Der Stint*  
*L'Eperlan*  
*The Smelt.*

*Fig. 2.*



*SALMO MARÆNULA*  
*Die kleine Mardene.*

*Fig. 3.*



*Krüger. jun. del.*





Fig. 1.

CLUPEA HARENGUS

Der Hering  
Le Hareng  
The Herring.

Fig. 1.

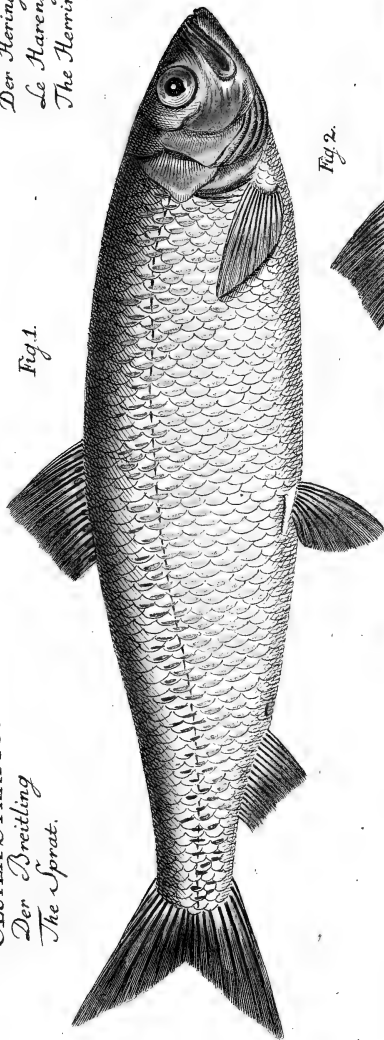
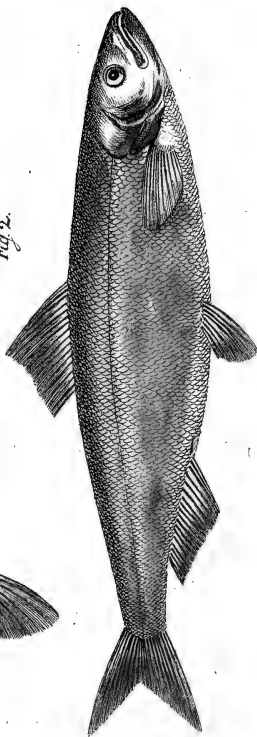


Fig. 2.

CLUPEA SPRATTUS

Der Breitling  
The Sprat.

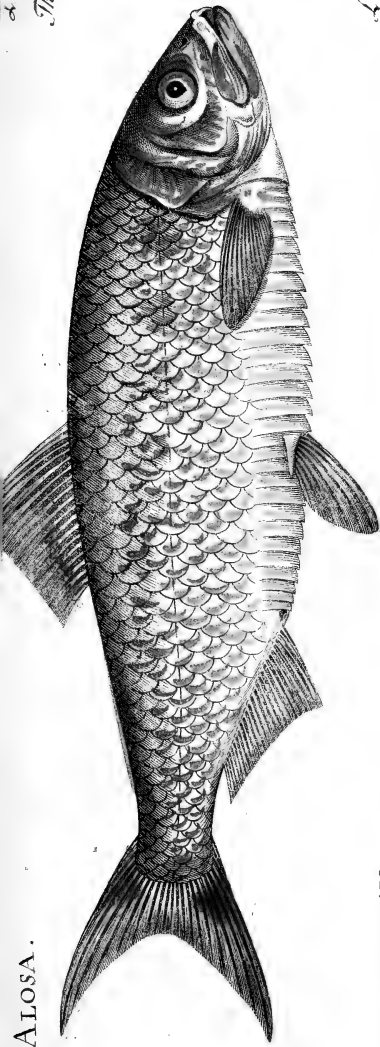
Fig. 2.



Krüger jun: del.

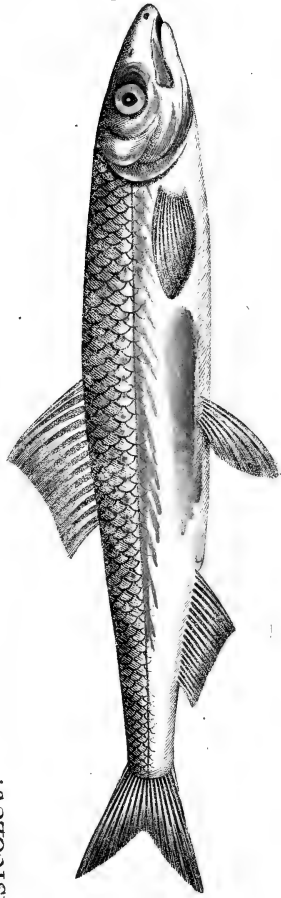


*A. Mase.*  
*The Schad.*



*Fig. 1. CLUPEA ALOSA.*  
*Die Aale.*

*L'Anchois.*  
*The Anchovy.*



*Fig. 2 CLUPEA ENCRASICOLUS.*  
*Der Anjovis.*

*Bodenadr. f. c.*

*Krieger jun. del.*

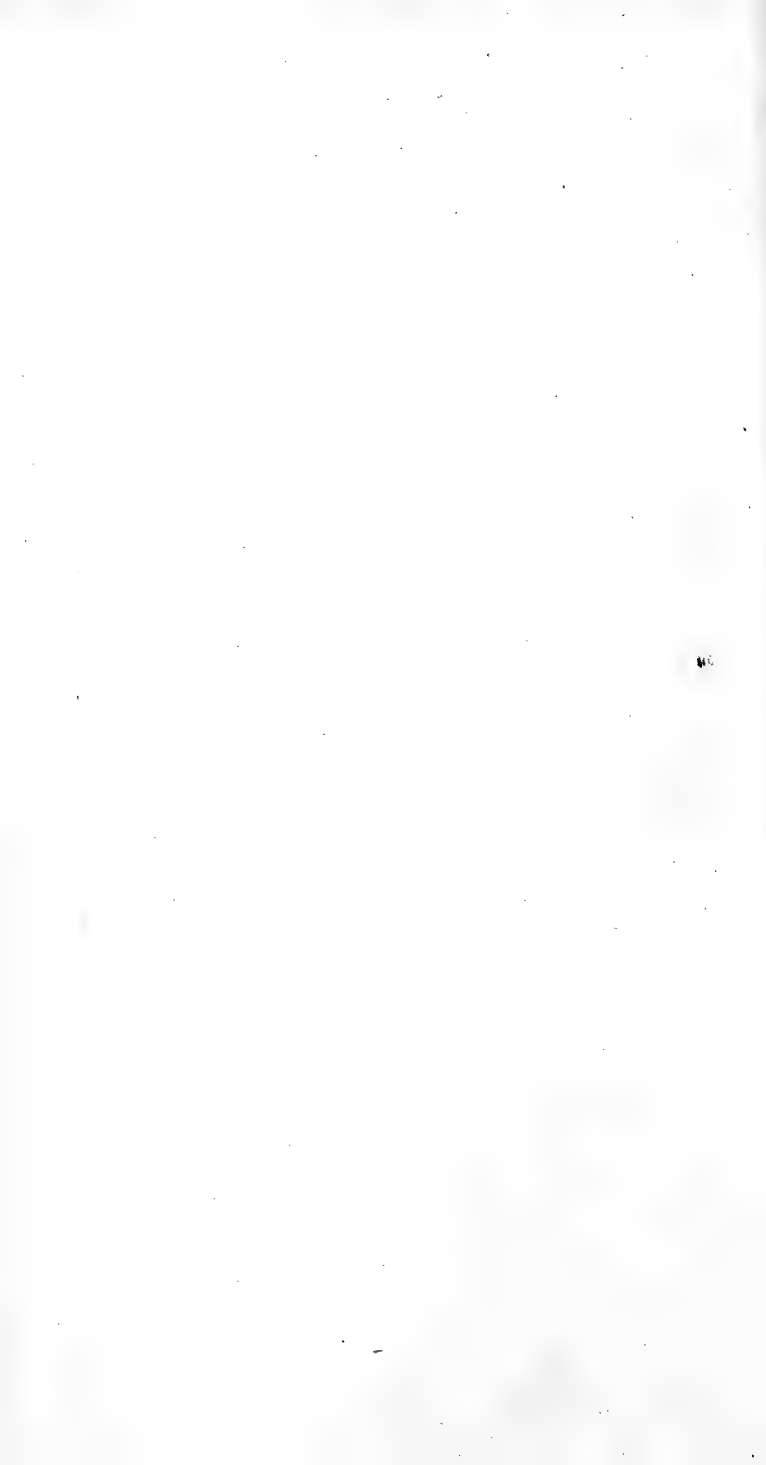


Fig. 1. COBITIS FOSSILIS  
Der Schlampitzger.



Fig. 3. COBITIS BARBATULA.  
Die Schmerl.  
La Loche.  
The Bearded.

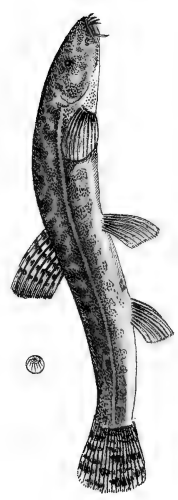
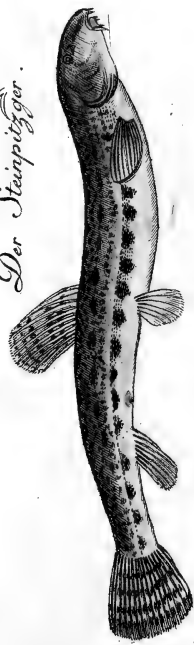
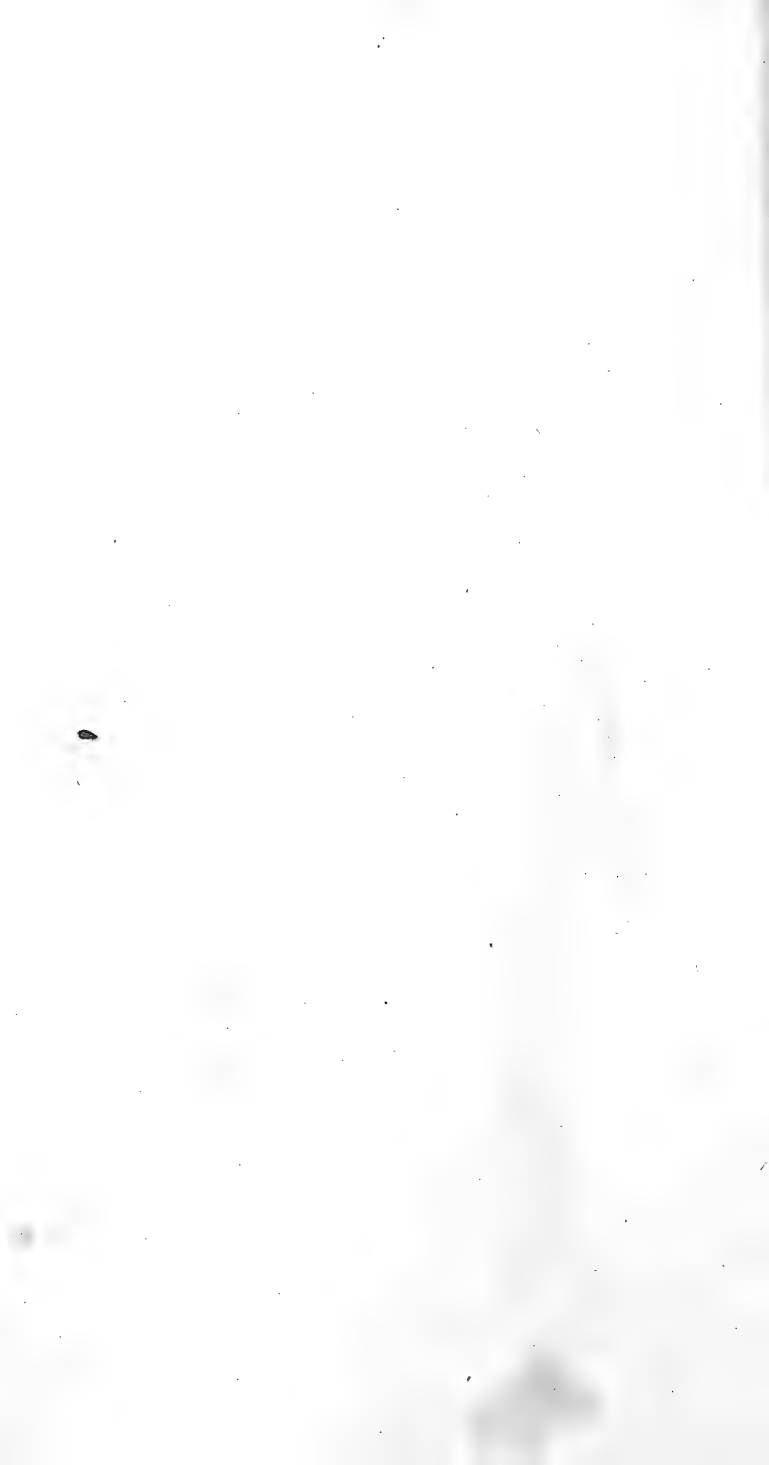


Fig. 2. COBITIS TAENIA.  
Der Steinpitze.



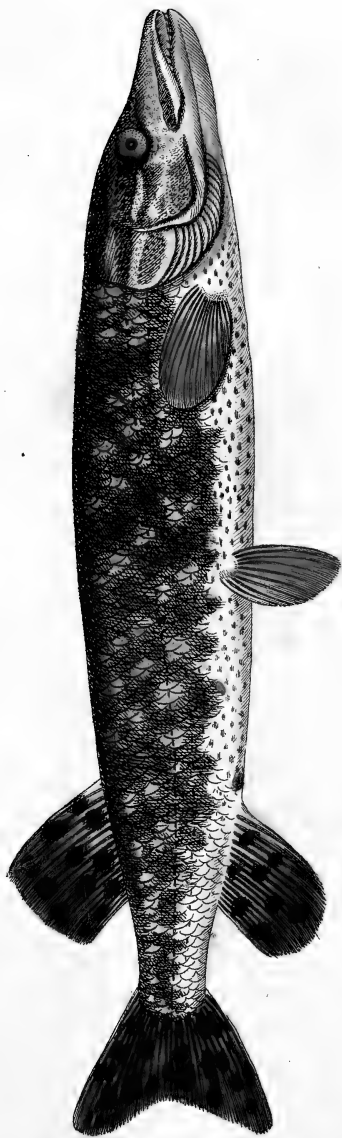
Kröyer, jun. del.

A. F. Schmidt, sc.



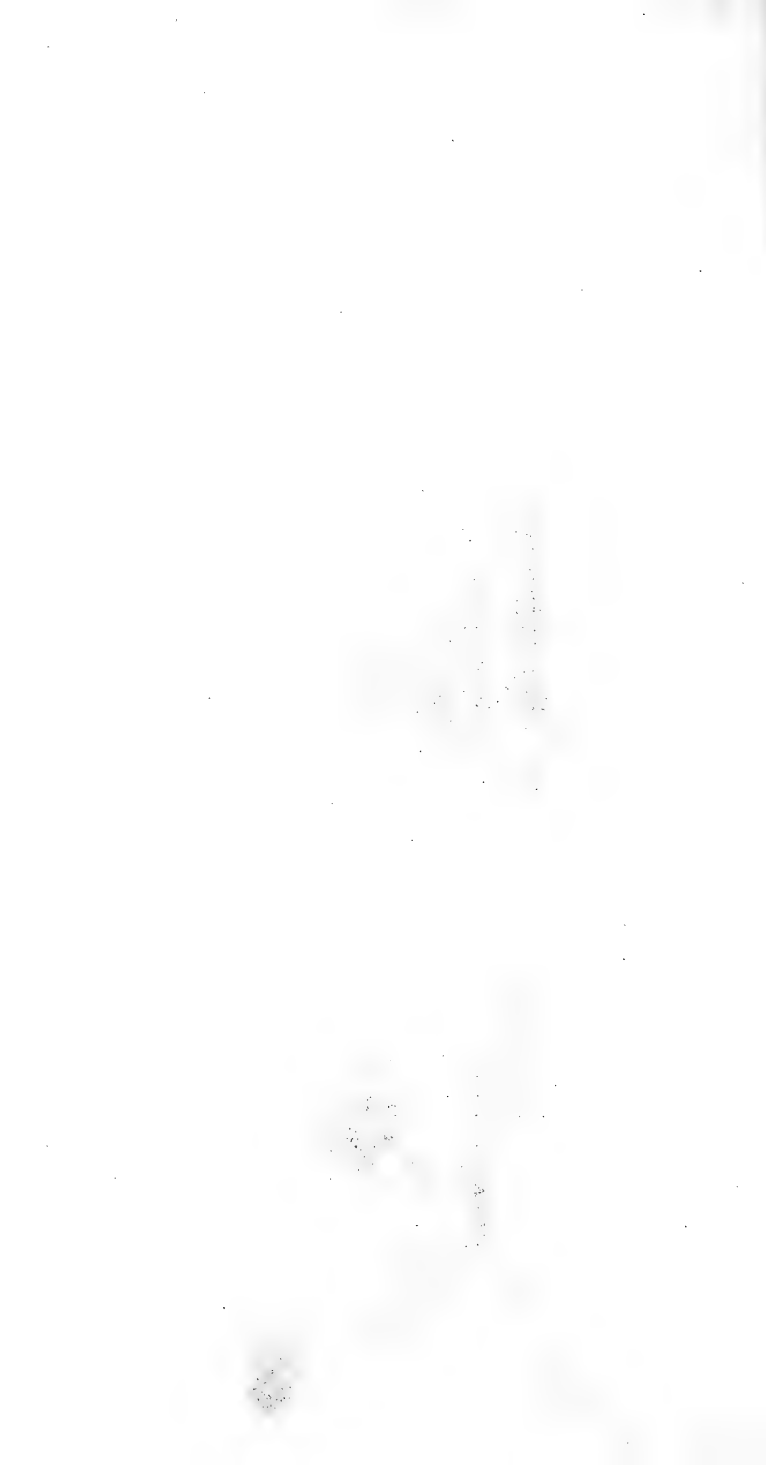
*Le Brochet.  
The Pike.*

*Esox Lucio.  
Der Hecht.*



*A. F. Schmidt. Minor. sc.*

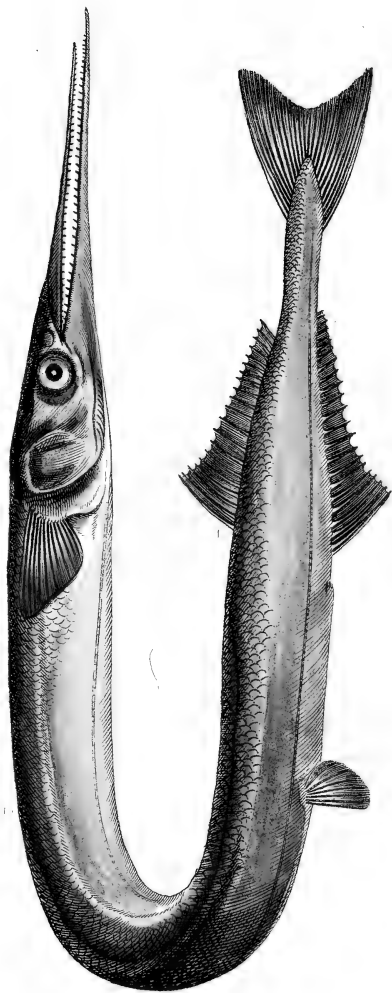
*Kröger jun. del.*





L'Orpie.  
The Gar.

FOX BELONE  
Der Hornbecht.



Krieger, jun. del.

A. F. Schmidt. sc.

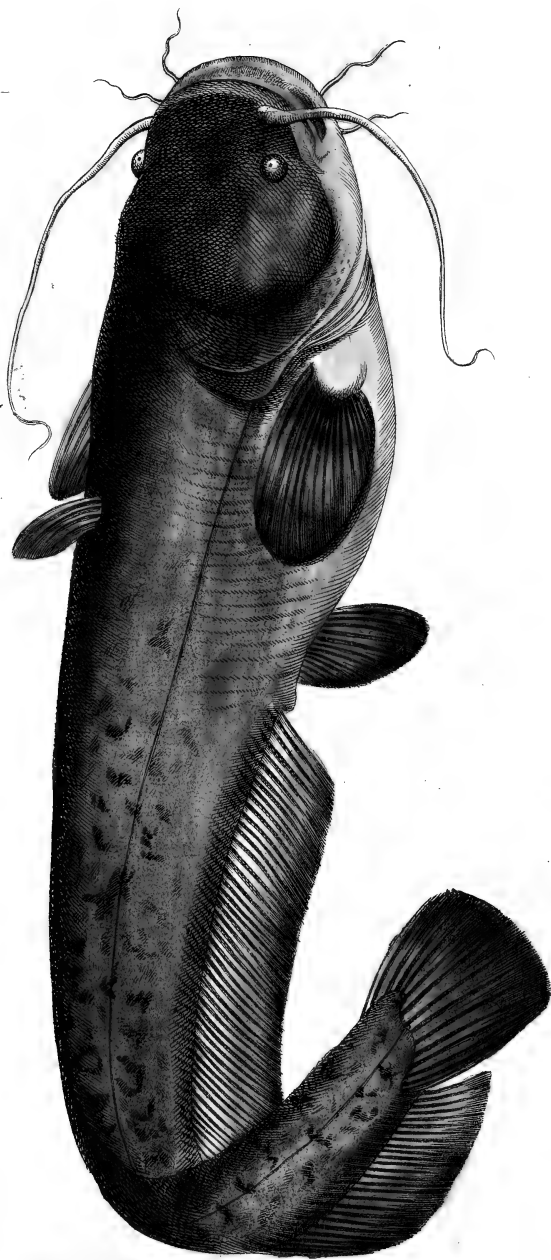


SILURUS GLANIS.

Der Wels.

Le Silure.

The Sheat-fish.



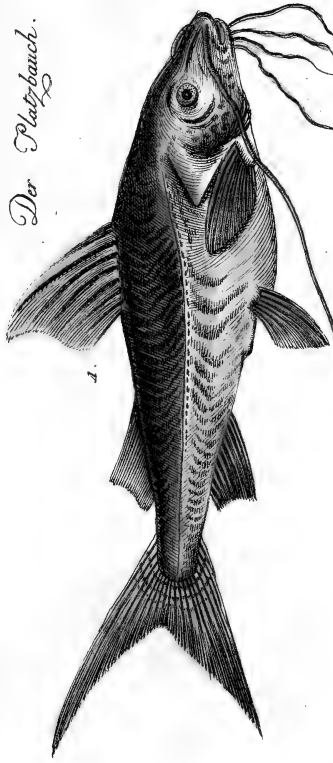
Kruger, jun. del.

A. F. Schmidt Minor. sc.



1 SILURUS CLARIAS.  
Der Langbart.

3. SILURUS ASCITA.  
Der Platzbauch.



2.



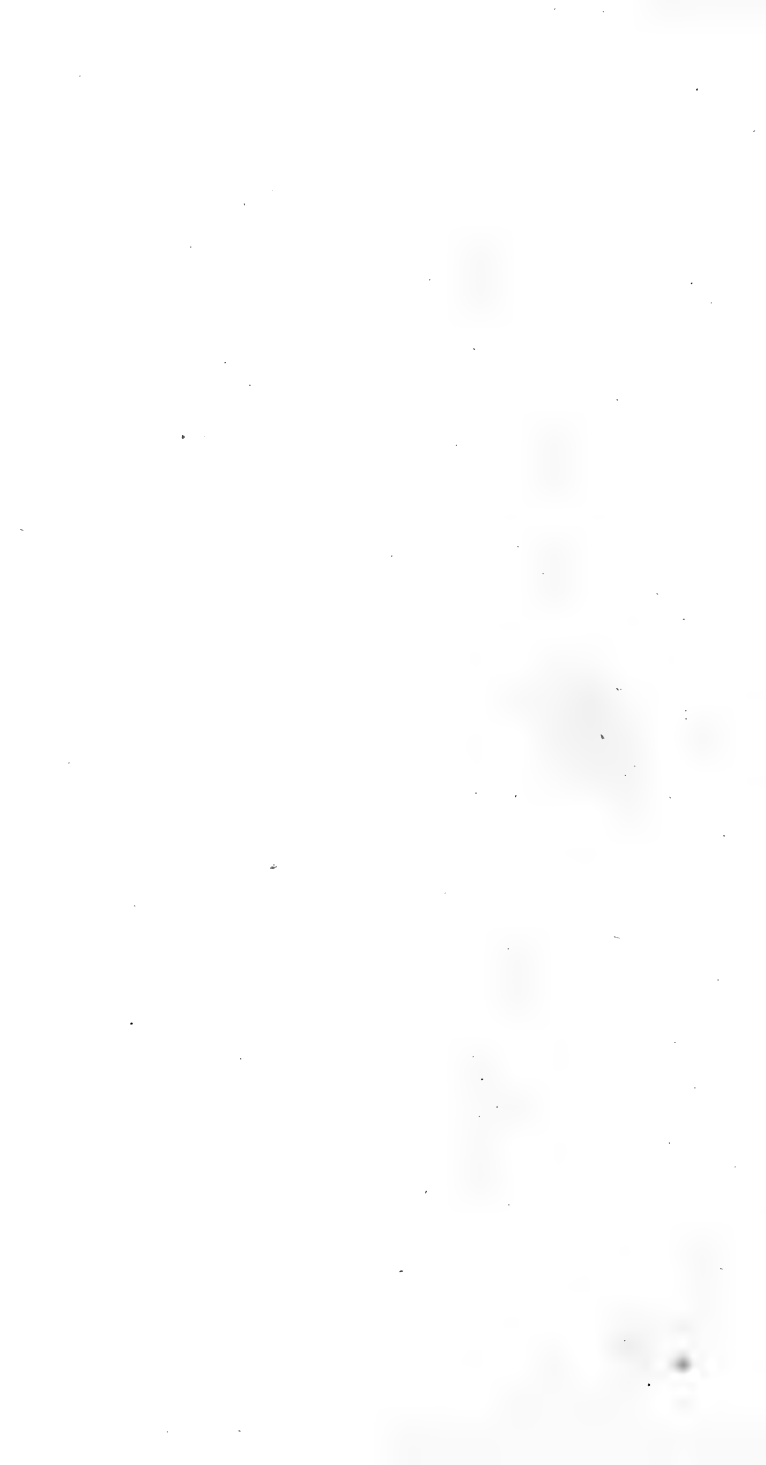
F. Schmidt. Mini.



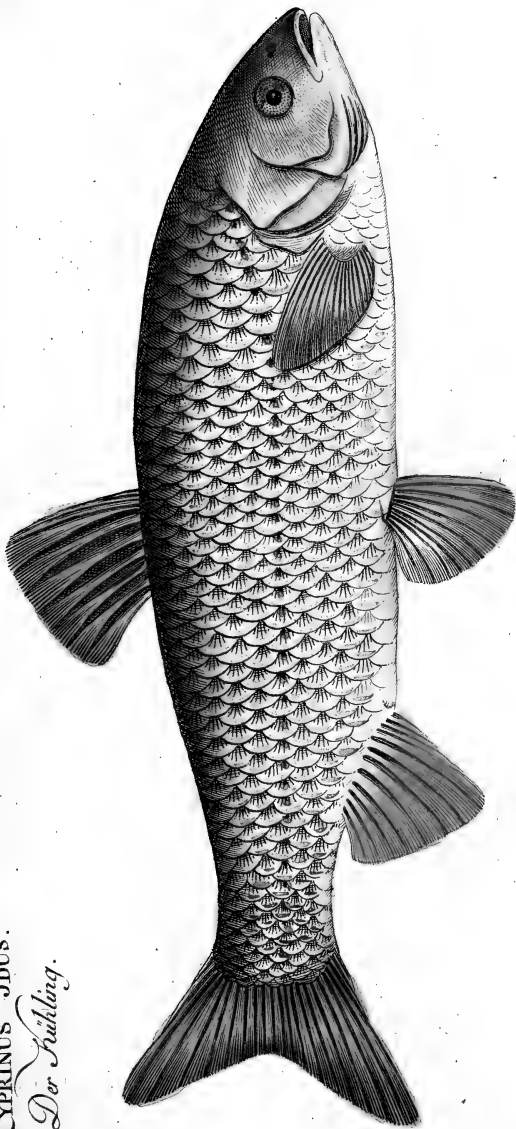
4.



Krieger. juniedle.

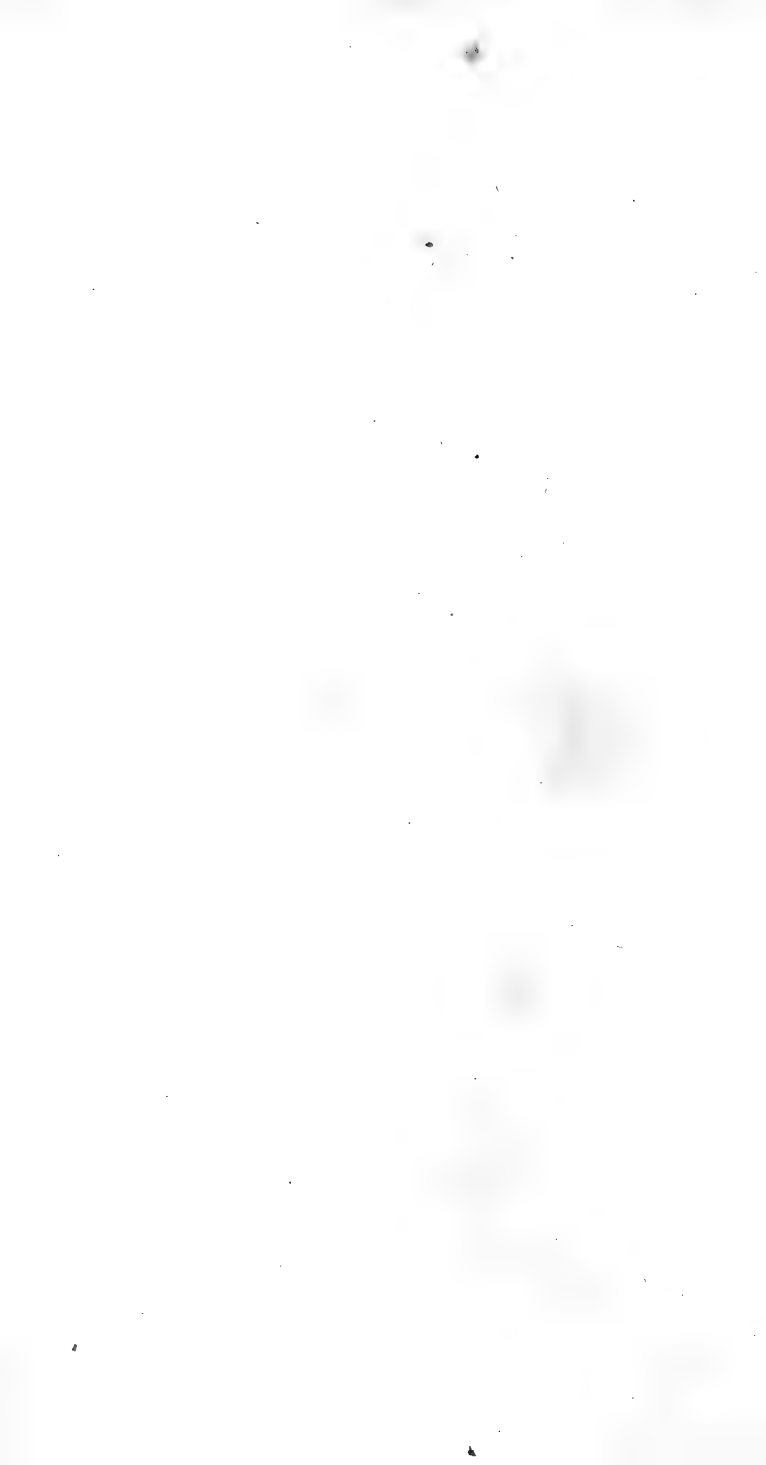


CYPRINUS IDUS.  
Der Kückling.



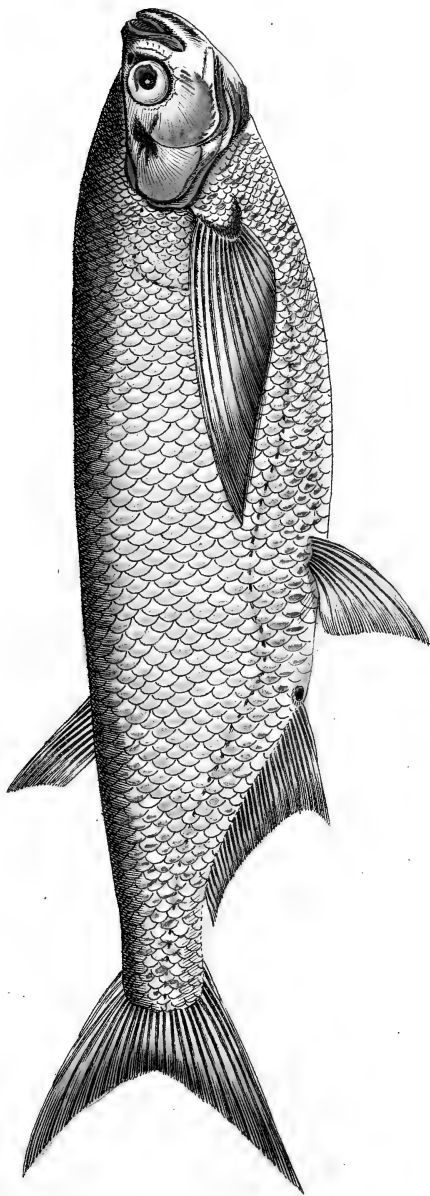
A. F. Schmidt. sc.

A. Gröger, jun. del.





CYPRINUS CULTRATUS  
Die Läge.

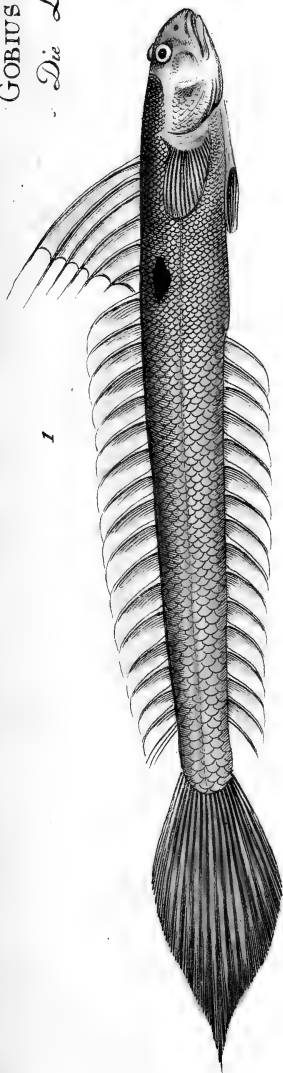


Kruger. jun. del.

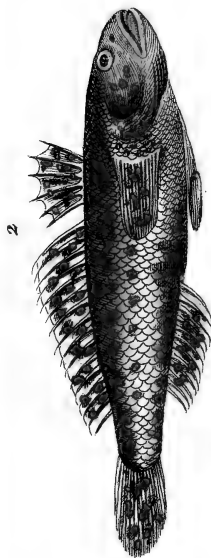
A. f. Schmidt. Minor. sc.



## GOBIUS LANCEOLATUS.

*Die Lanzettgrundel.*

## GOBIUS NIGER

*Die Meergrundel.**Le Boulcrot.**The Black = Goby.*

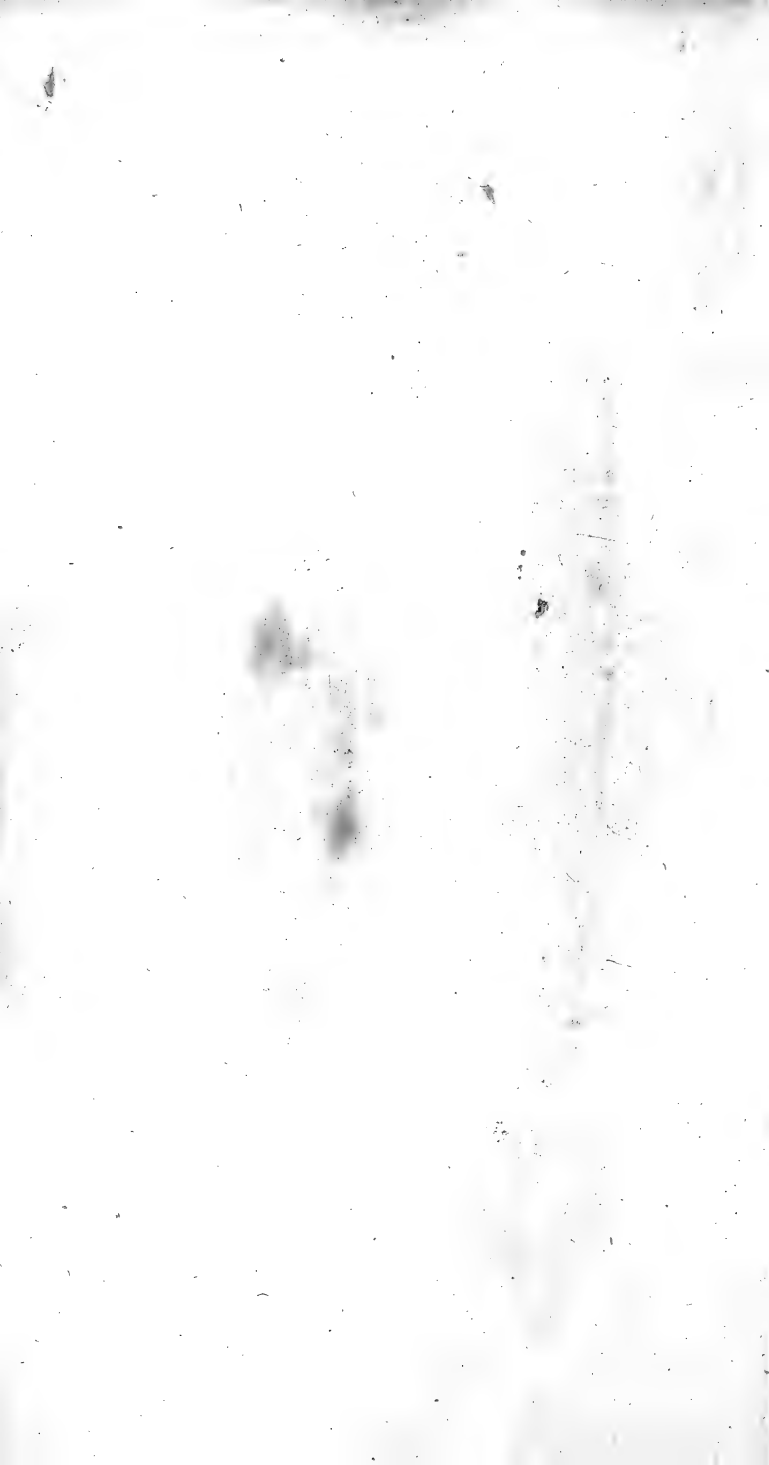
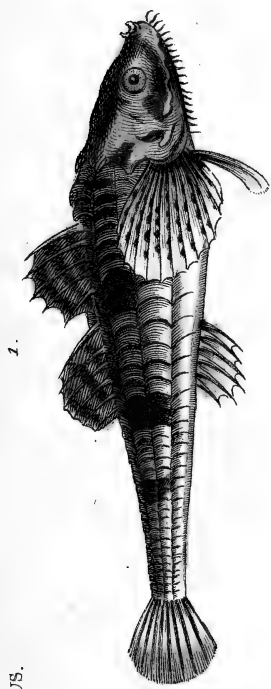


Fig. 1.

COTTUS CATAPHRACTUS.

*Der Säurpöcker.*  
*The Armed Bullhead.*  
*Le Cataphractus.*

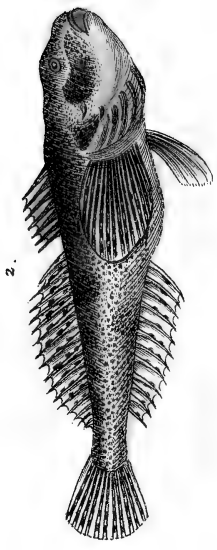


Krüger. juv. Del.

Fig. 2.

COTTUS GOBIO.

*Der Kaulkopf.*  
*Le Chebot.*  
*The River Bullhead.*

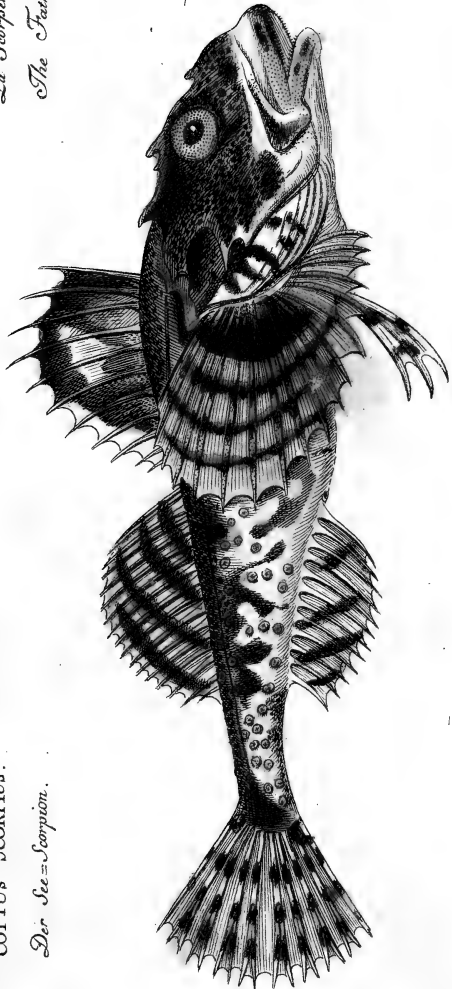


A. F. Schmidt. sc.



COTTUS SCORPIUS.  
Der See-Scorpion.

La Scorpene.  
The Father Lasher.



Scorpionfish.

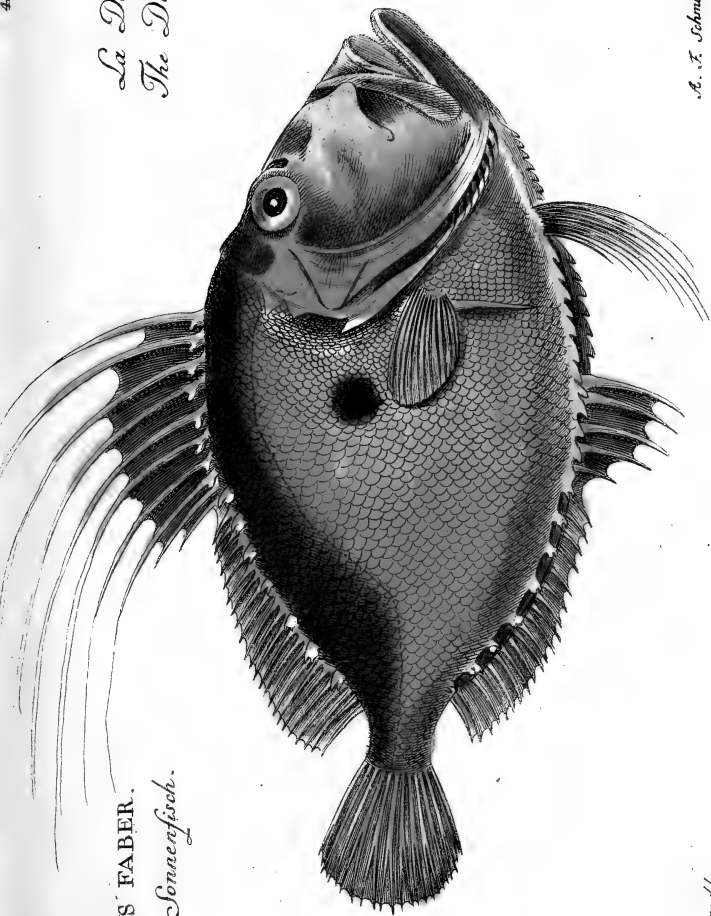
Scorpionfish.





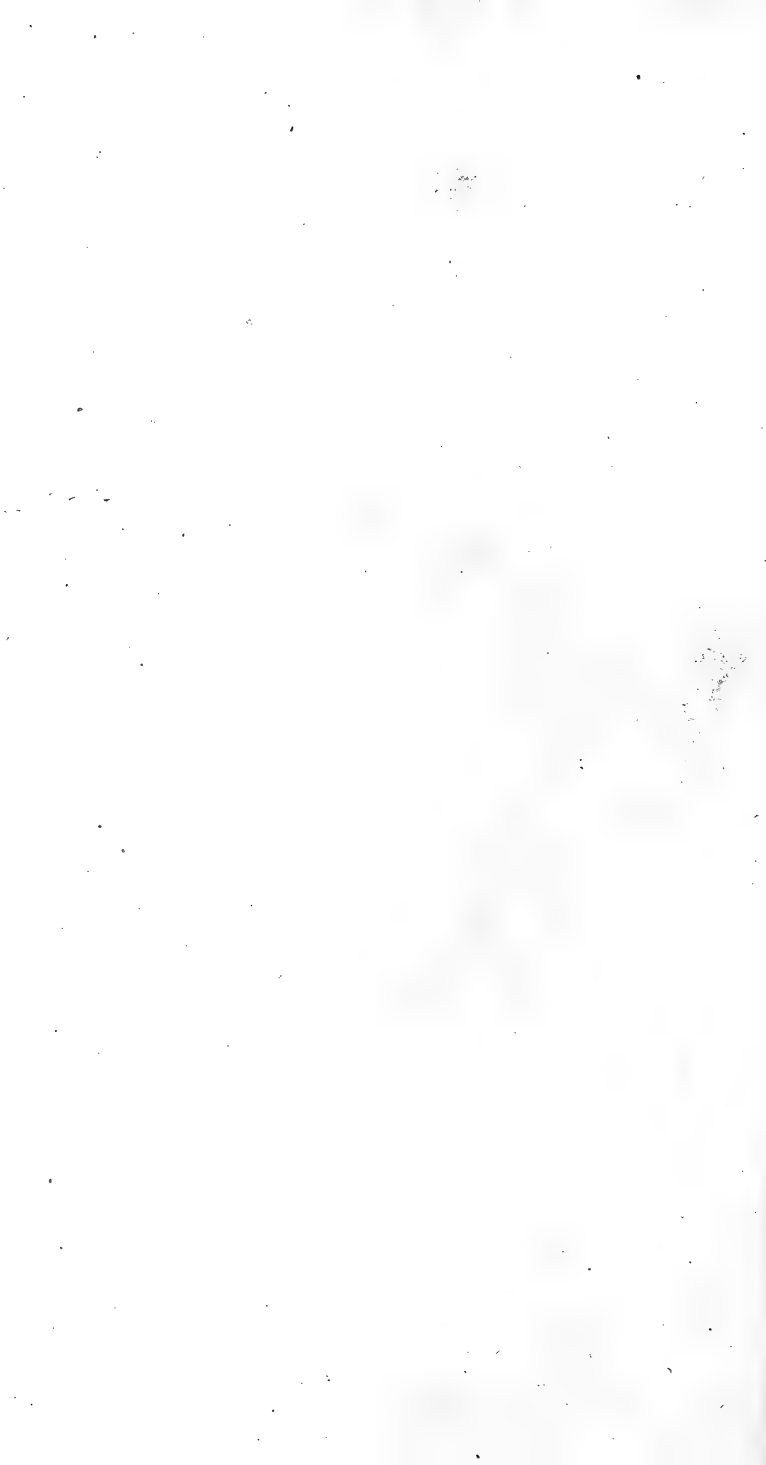
La Dorée.  
The Dorée.

ZEVS' FABER.  
Der Sonnensfisch.



A. F. Schmidt Minio. sc.

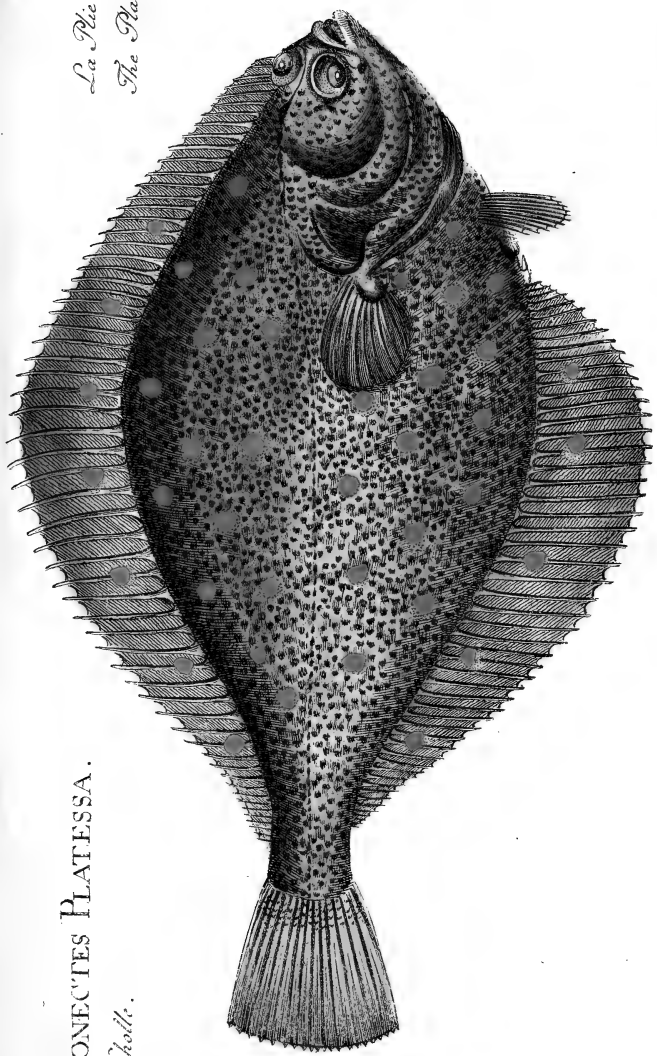
Krüger. jun. del.



PLEURONECTES PLATESSA.

Die Scholle.

La Plie.  
The Plaise.

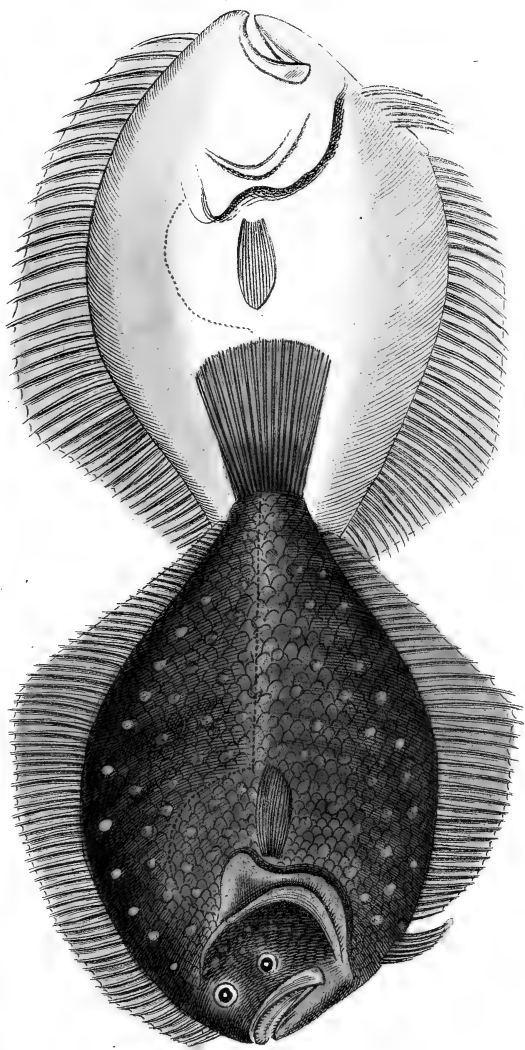


Kröyer, jun. del.

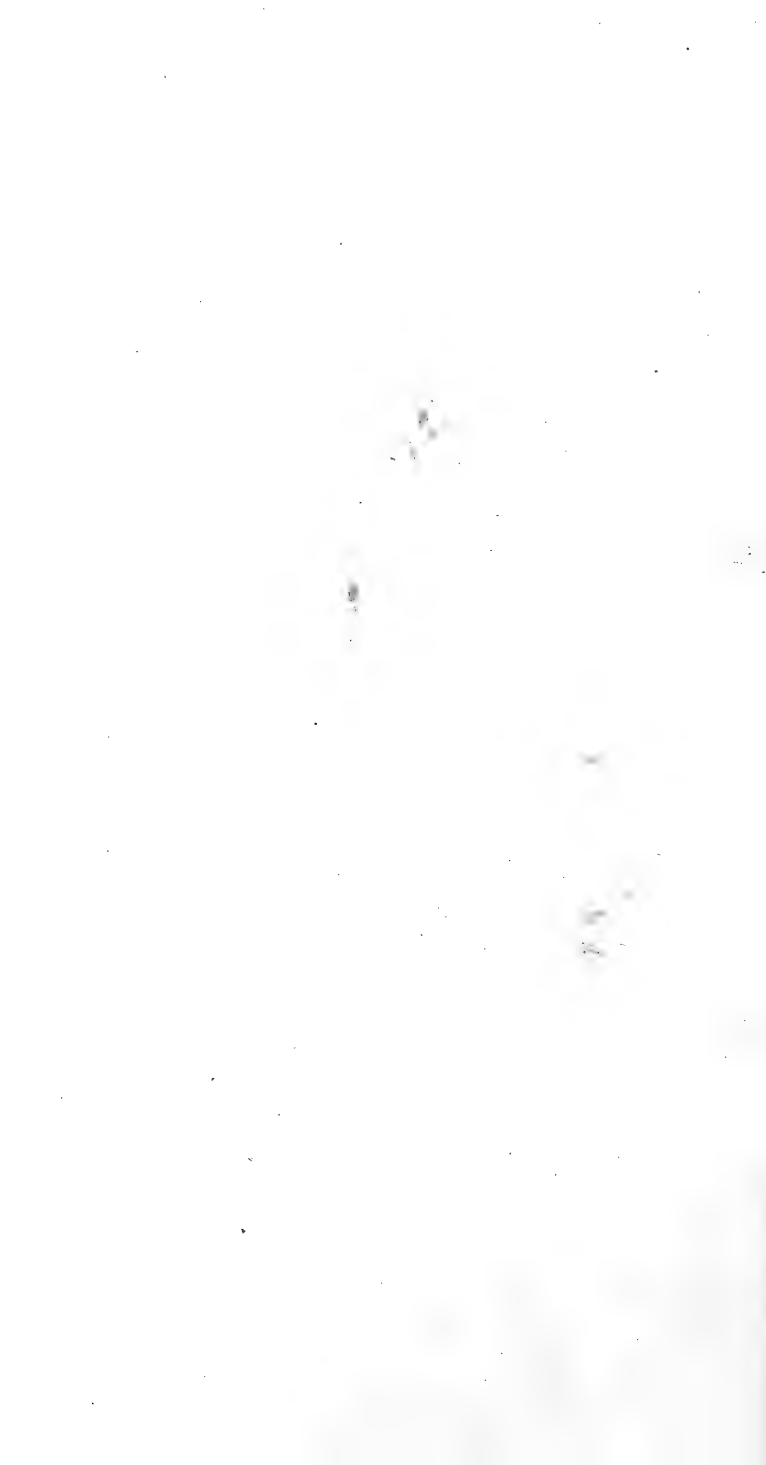
F. W. Schmidt, jun. sc.



43<sup>te</sup> Taf.  
La Barbe.  
The Pearl.



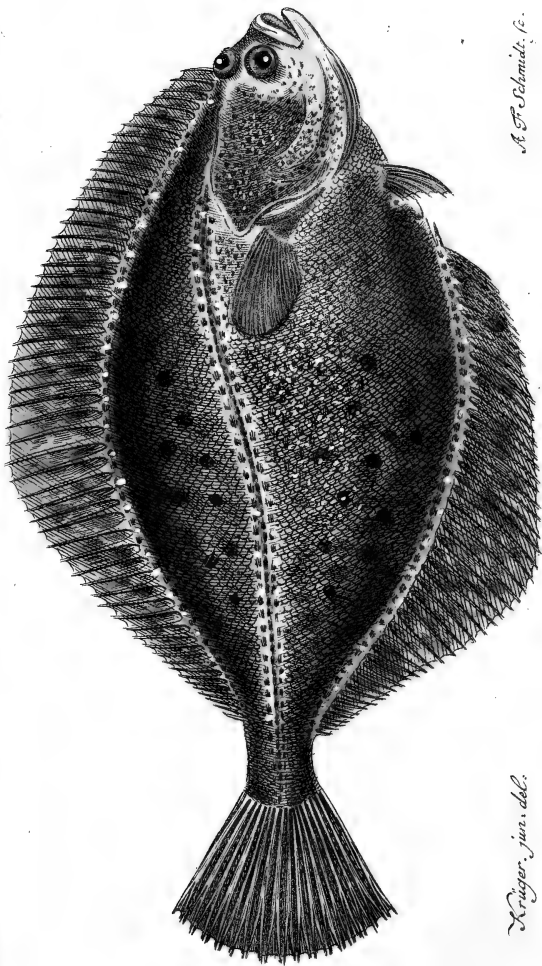
*PLEURONECTES RHOMBUS.*  
Das Viereck od. der Stabbutt.



44<sup>te</sup> Taf.

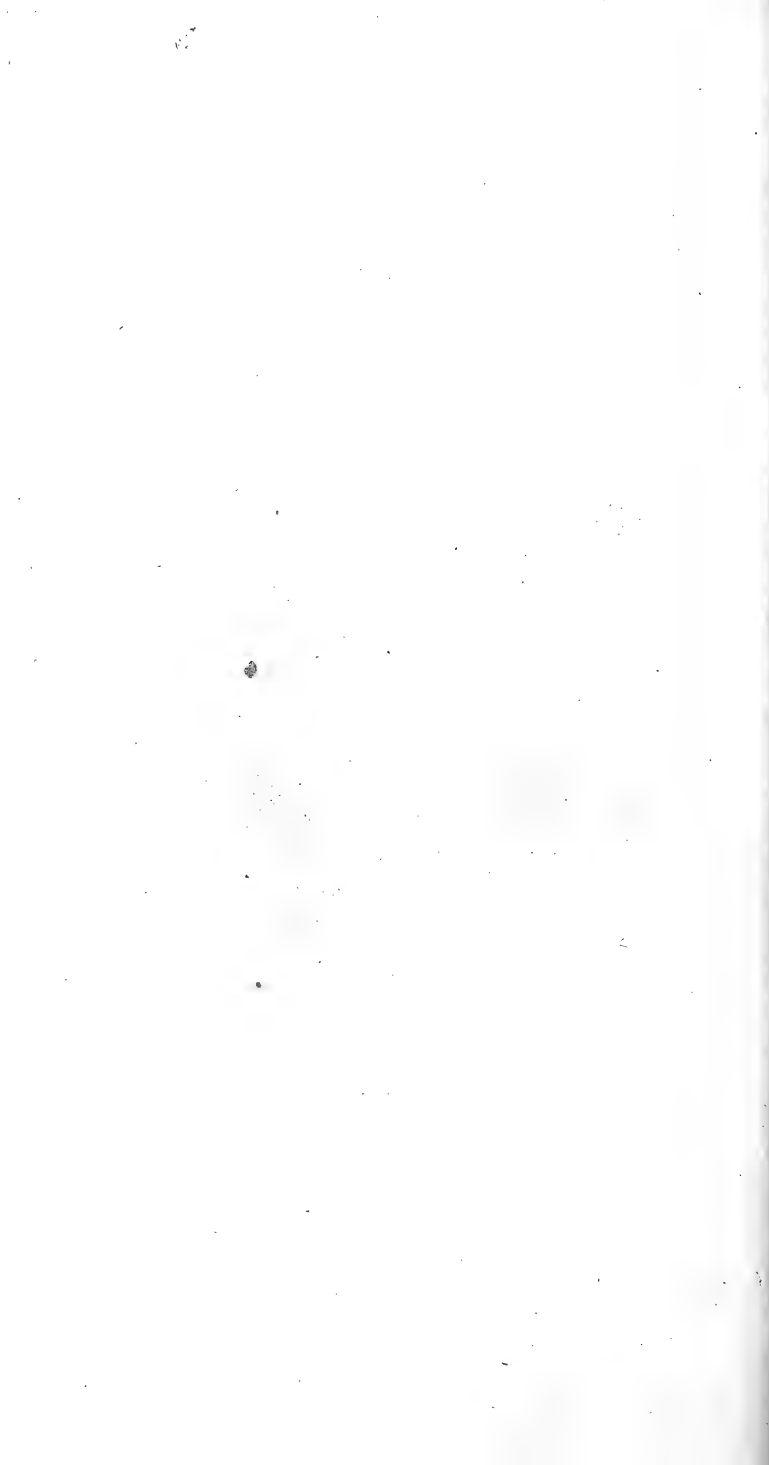
Le Fluy.  
The Flounder?

*PLEURONECTES FLEBUS.*  
Der Therbut od. Flunder?



A. F. Schmidt. sc.

Krüger, jun. del.



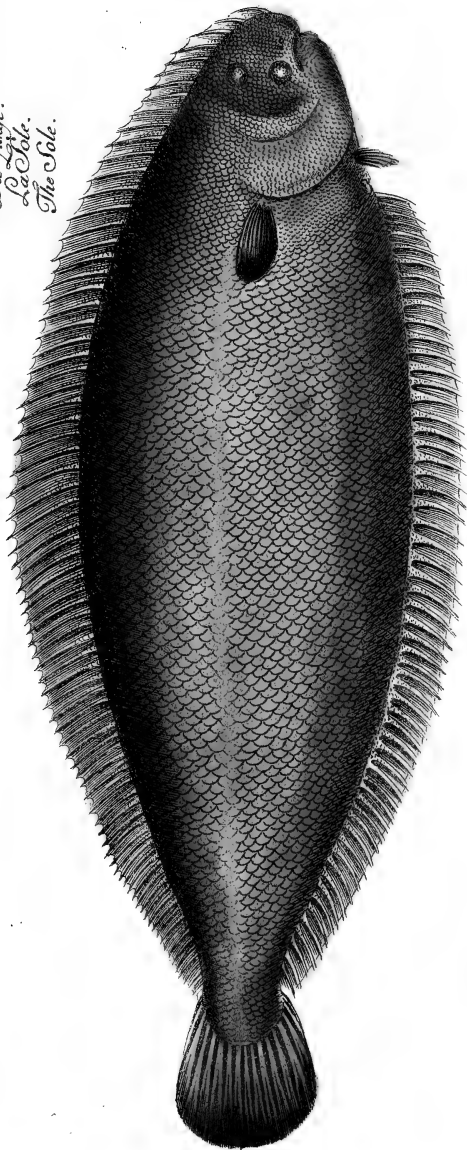


*PERONECTES SOLEA.*

*Die Zunge.*

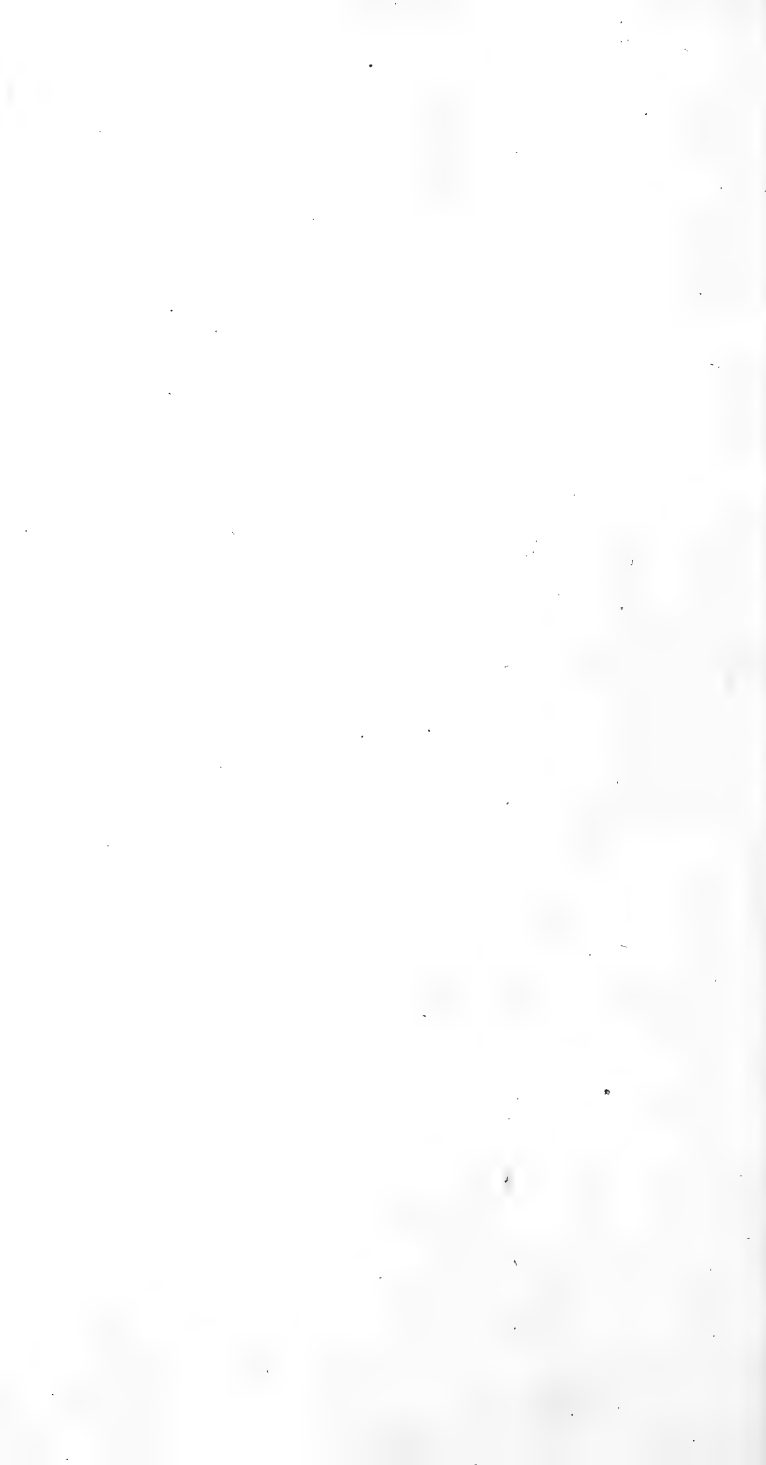
*La Sole.*

*The Sole.*



*A. F. Schmidt. sc.*

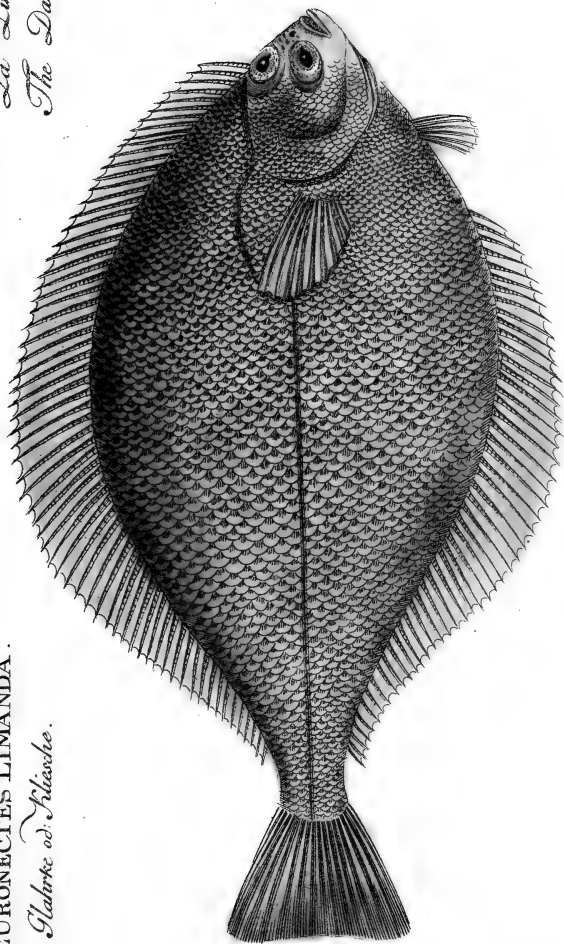
*Früger. jun. del.*



46<sup>te</sup> Taf.

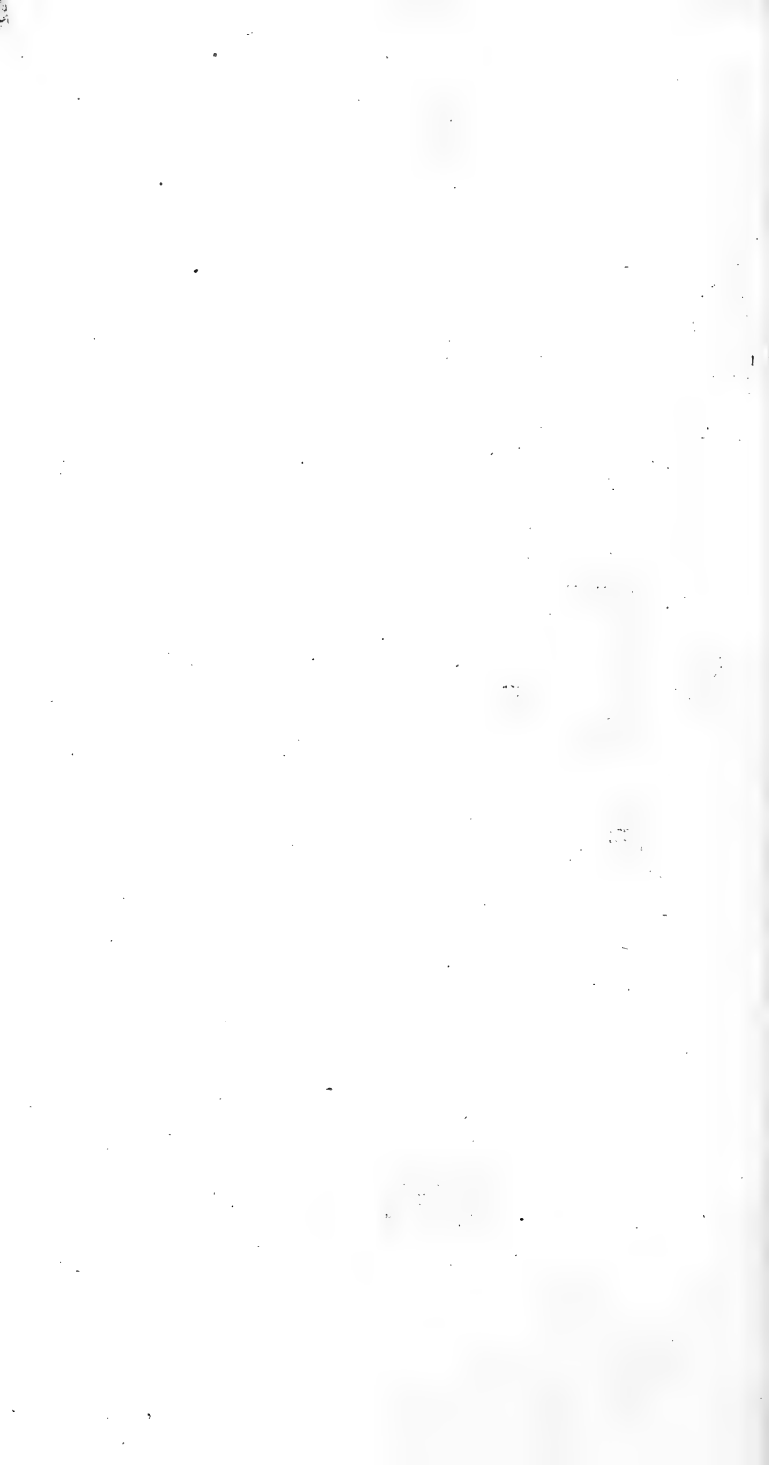
La Limande.  
The Dab.

PLEURONECTES LIMANDA.  
Die Flabrette od. Flieische.



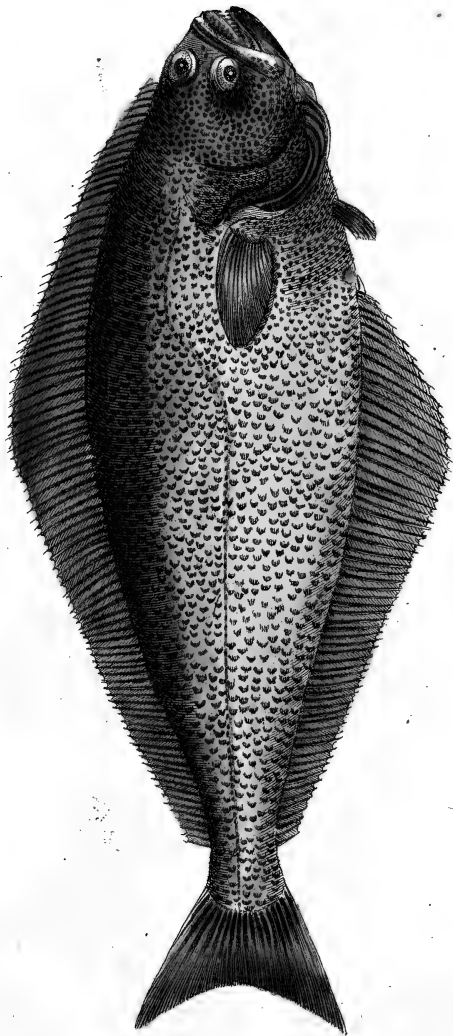
A. F. Schmidt. sc.

Krüger. jun. del.



*PLEURONECTES HIPPOGLOSSUS.*  
*Der Heilige Butt.*

*The Holybut.*  
*Le Melan.*



*Kröyer pinx. del.*

*F. W. Schmidt pinx. sc.*



PLATYCEPHALUS F. ROCH.

Mr. F. Roch.

L. Roch.

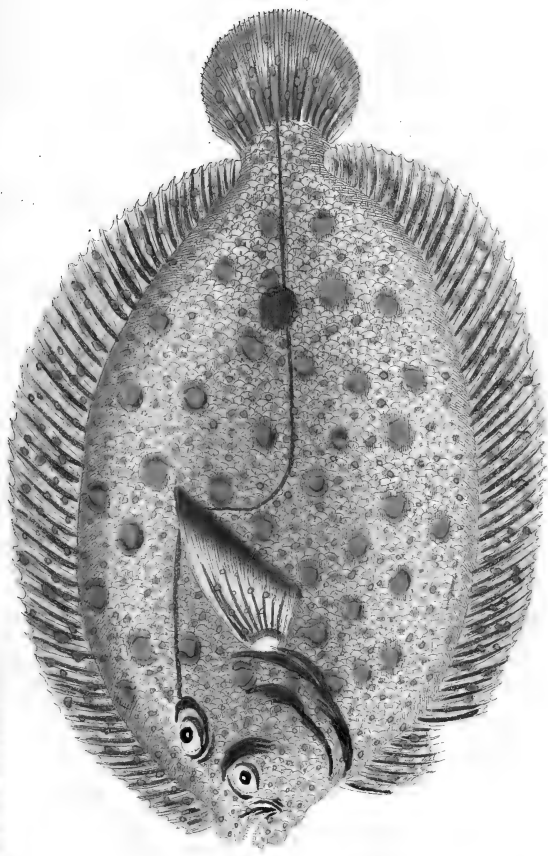


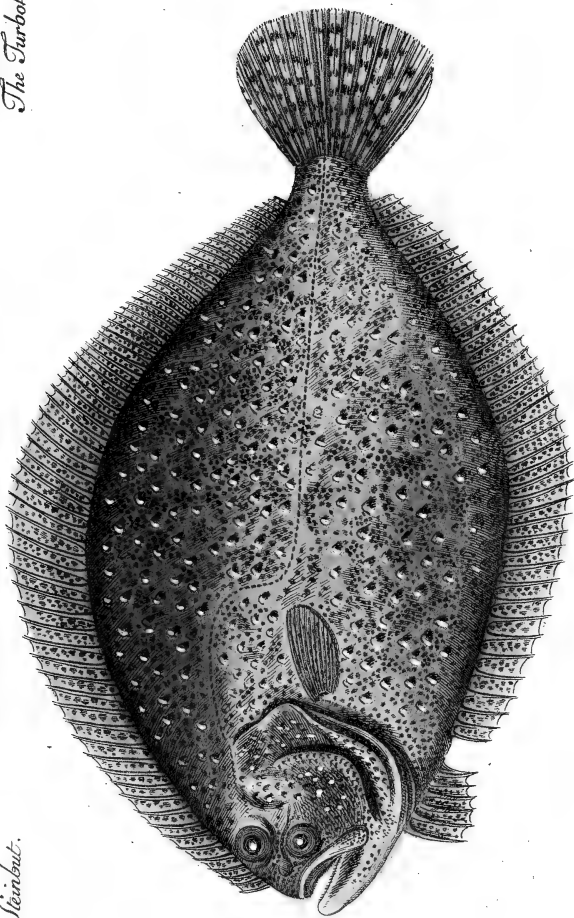
Fig. 1. m. 462.

W. M. Schmidt jun. sc.





Le Turbot.  
The Turbot.

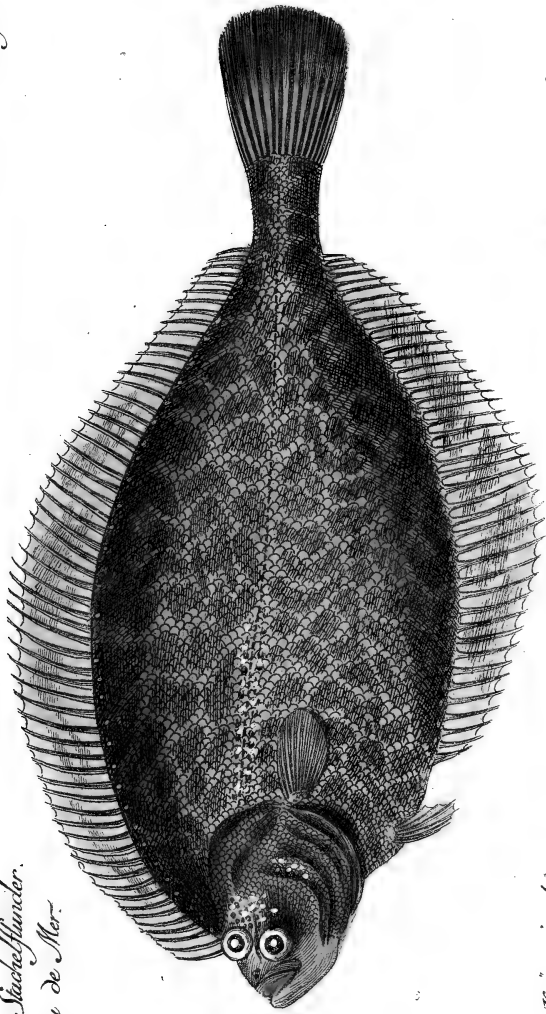


PLEURONECTES MAXIMUS.  
Der Steinbut.



*PLEURONECTES PASSER.*  
*Der Lincke Stachelhündel.*  
*Le Moineau de Mer.*

50<sup>te</sup> Taf.

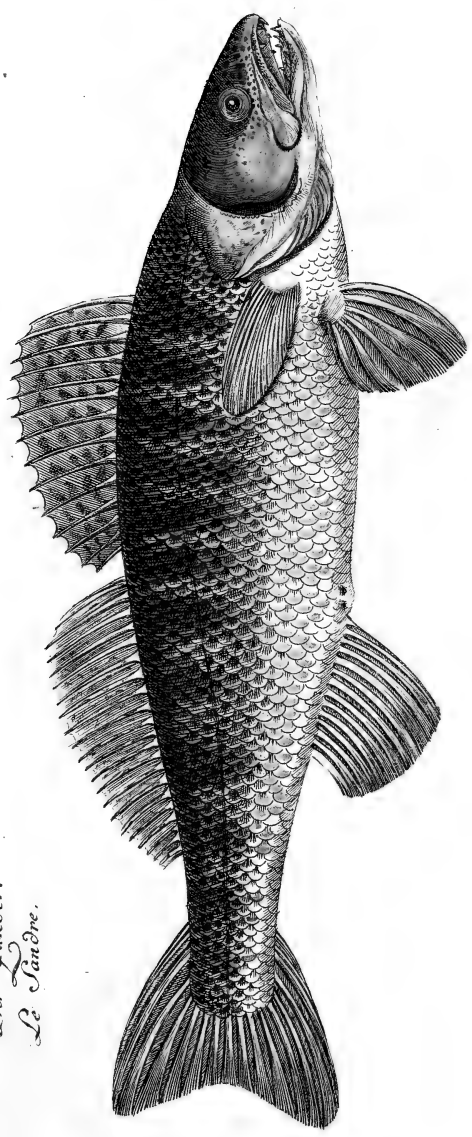


*Kruger jun. del.*

*A. F. Schmidt. sc.*

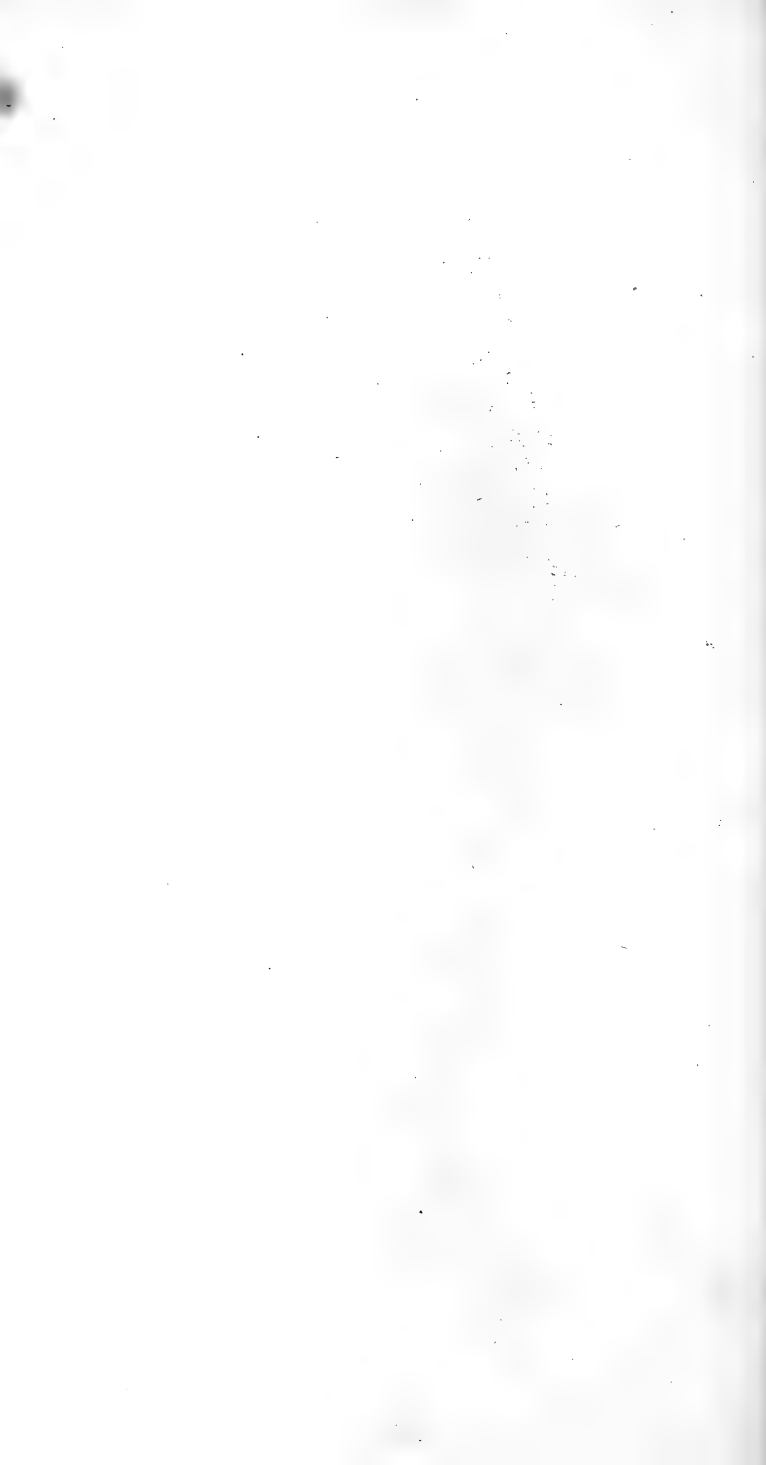


PERCA LUCIOPERCA.  
Der Zander.  
Le Sandre.

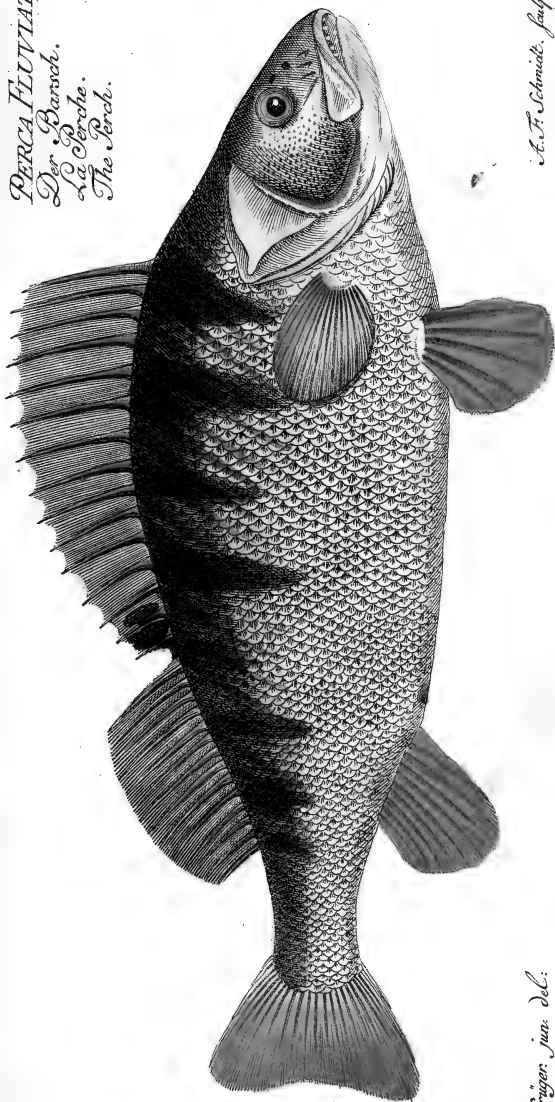


F. W. Schmidt, pin. sc.

Kruger, jun. del.



*PERCA FLUVIATILIS.*  
*Der Barsch.*  
*La Perche.*  
*The Perch.*



*H. F. Schmidt. sculp.*

*Kröger. jun. del.*





1 GASTEROSTEUS SPINACHIA.  
*Der Dornfisch.*

*The Fifteen Spined Stickleback.*  
*La grande Epinoche*



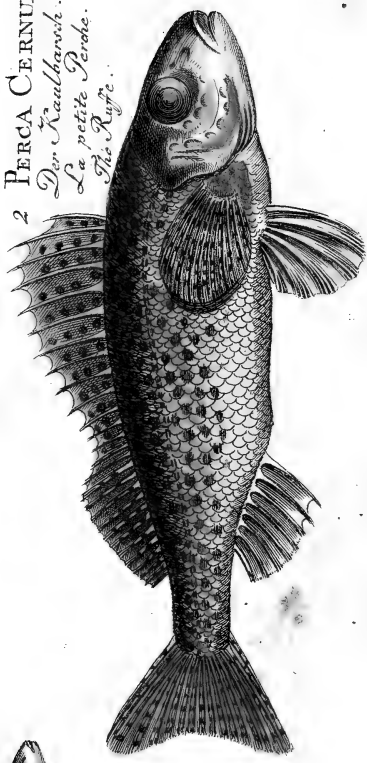
3 GASTEROSTEUS ACULEATUS.  
*Der Stickleling.*  
*L'Epinoche.*  
*The Stickleback.*



4 GASTEROSTEUS PUNGTIUS.  
*Der Kleine See-Stichling.*  
*La petite Epinoche.*  
*The lesser Stickleback.*



2 PERCA CERNUA.  
*Der Kaulbarsch.*  
*La petite Perche.*  
*The Ruffe.*



*Krieger jun. del.*

*F.W. Schmidt, sculp.*

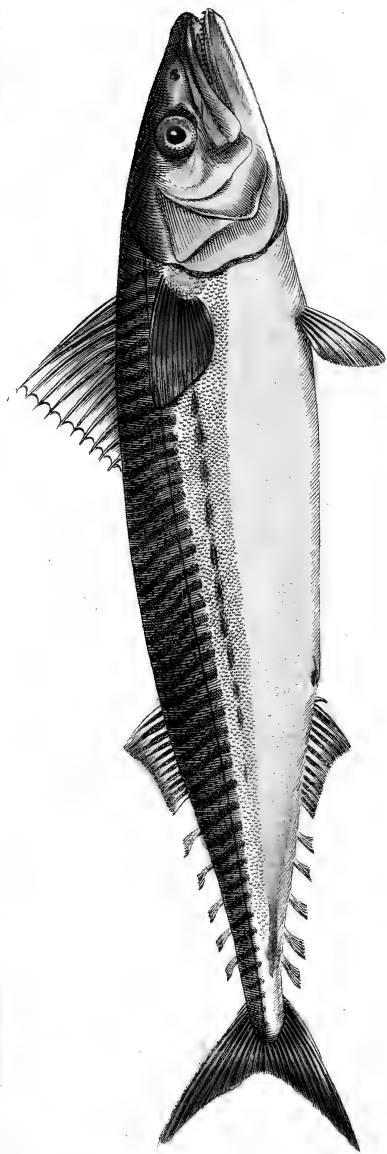


*SOMBER. SOMBER.*

*Die Maatsel.*

*Le Maquereau.*

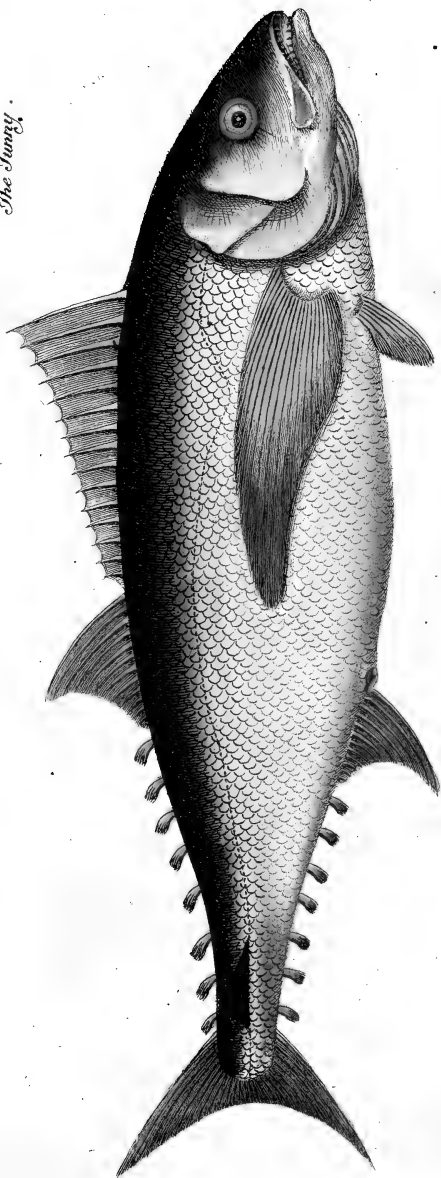
*The Mackerel.*



*A. F. Schmidt. Minor. Sc.*



55te Taf:  
SCOMBER THYNNUS.  
Der Thunfisch.  
Le Thon.  
The Tunny.

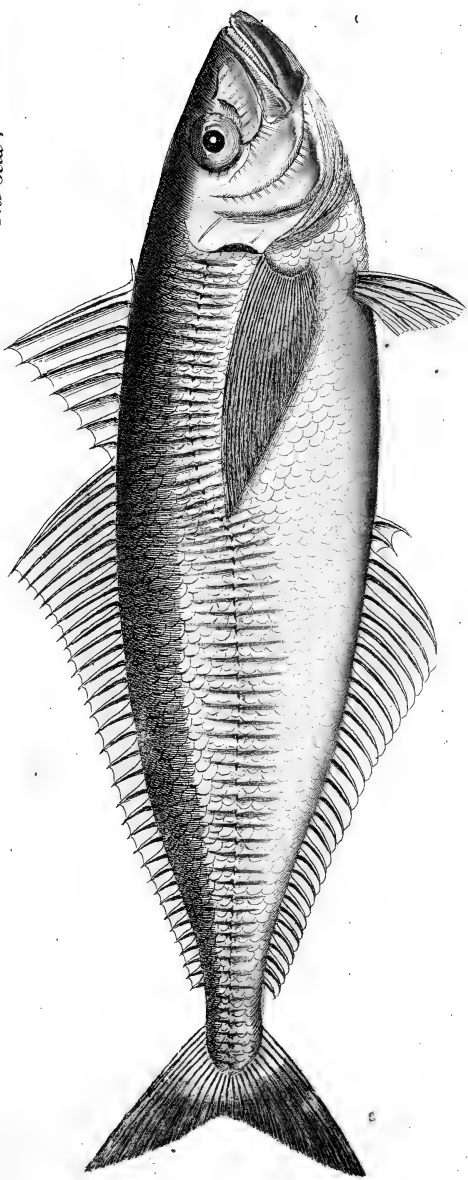


*S. Th. Thunfisch*



56<sup>te</sup> Taf.

SCOMBER TRACHURUS.  
Der Sticker.  
Le Maquereau bâlard.  
The Sead.



J. F. Probst. Sculp.





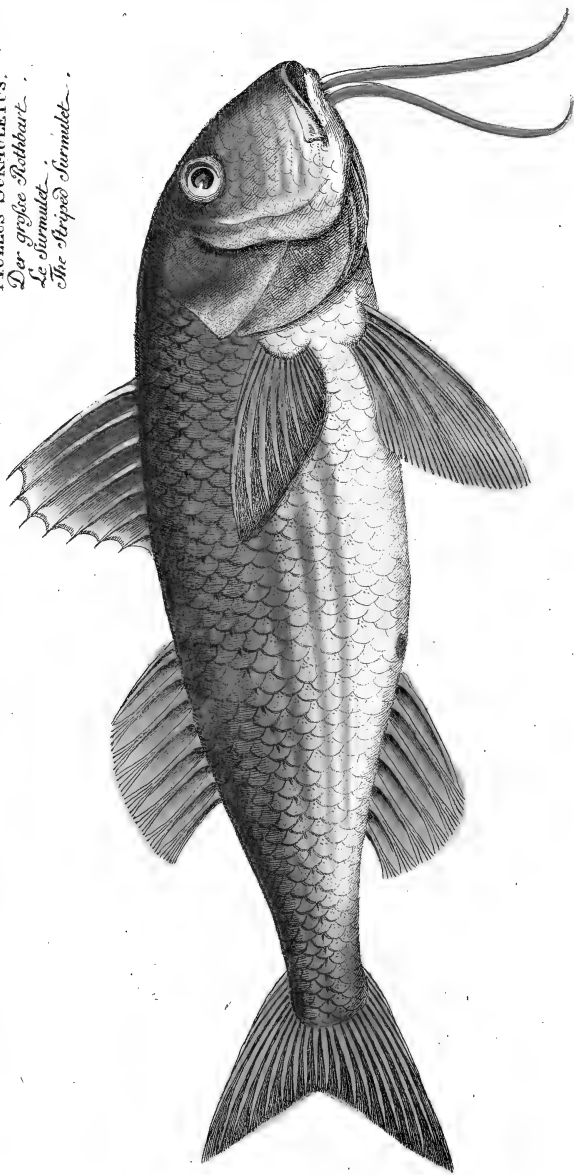
572 fig.

MULLUS SURMULETUS.

Der große Rothbart.

Le surmulet.

The Striped Surmulet.

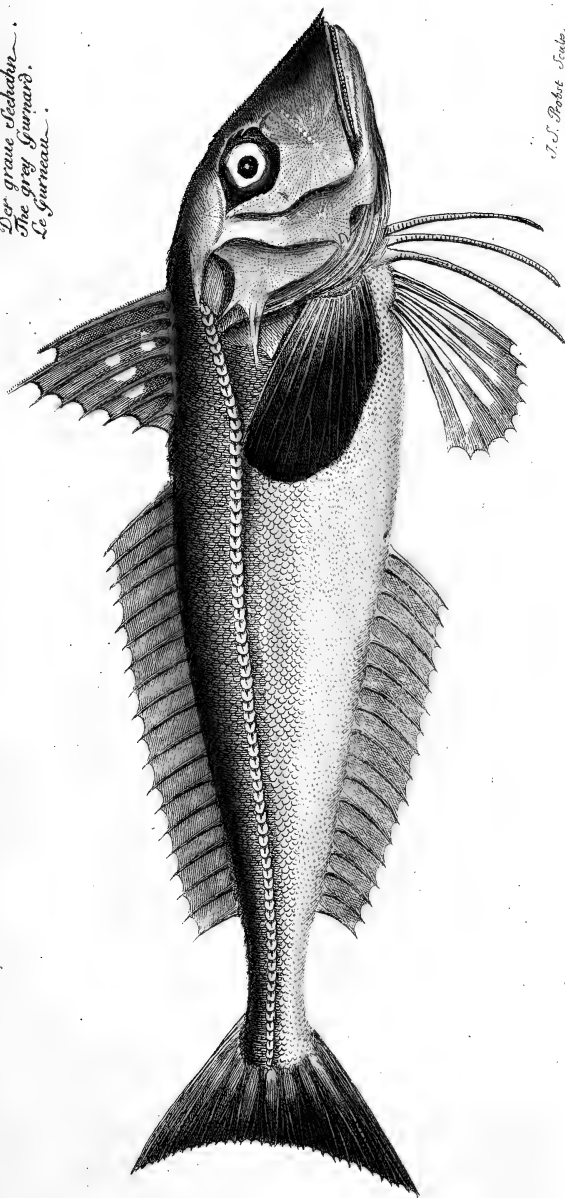


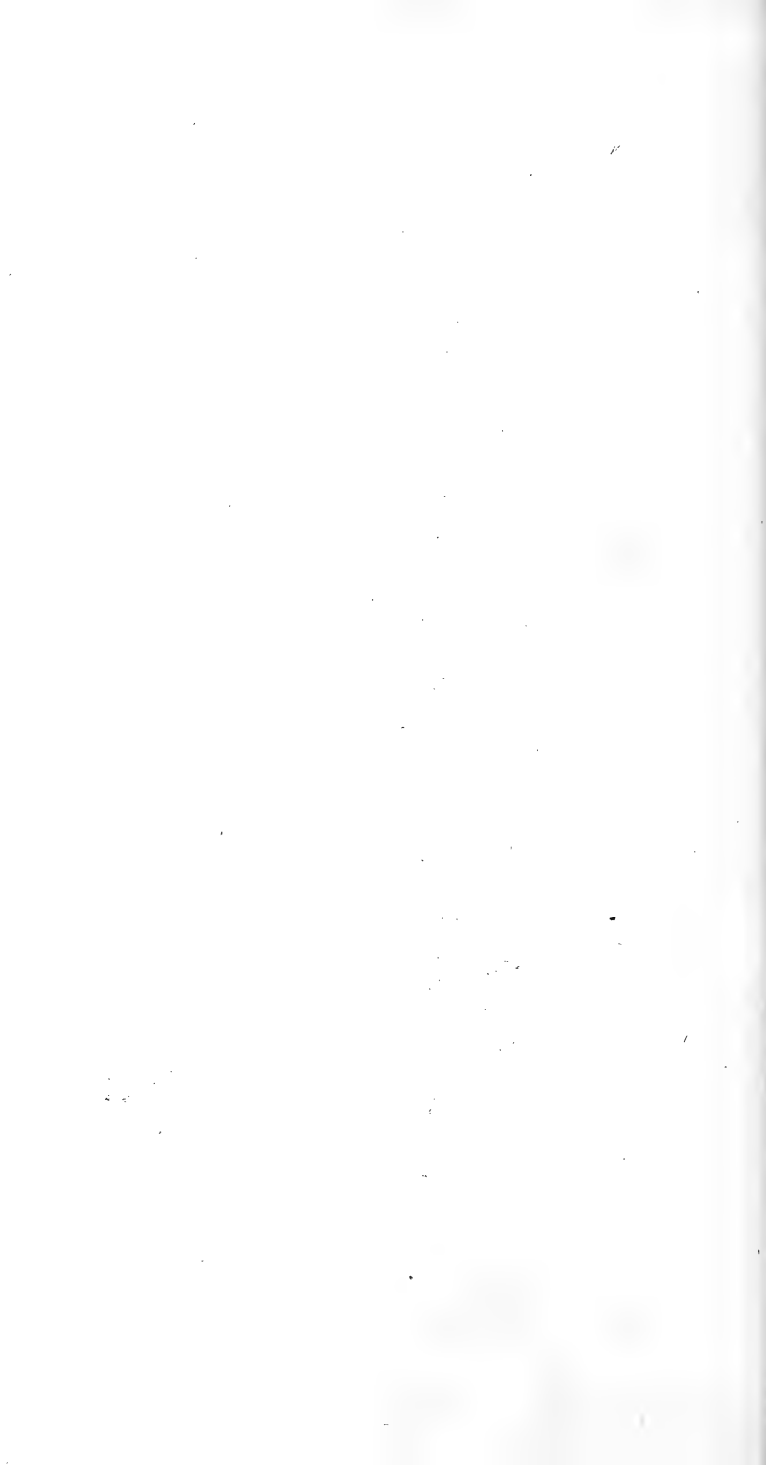
J. S. Probst. Sculp.



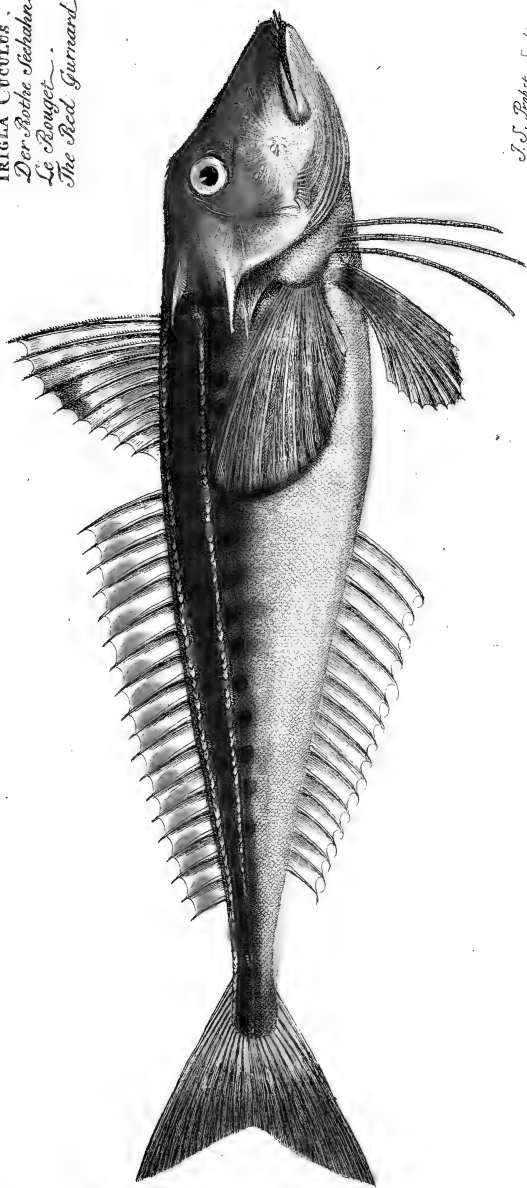
312 Fig.  
TRIGLA GURNARDUS.  
Der graue Sechahn.  
The grey Gurnard.  
Le Gurneau.

J. S. P. Robert Sculp.

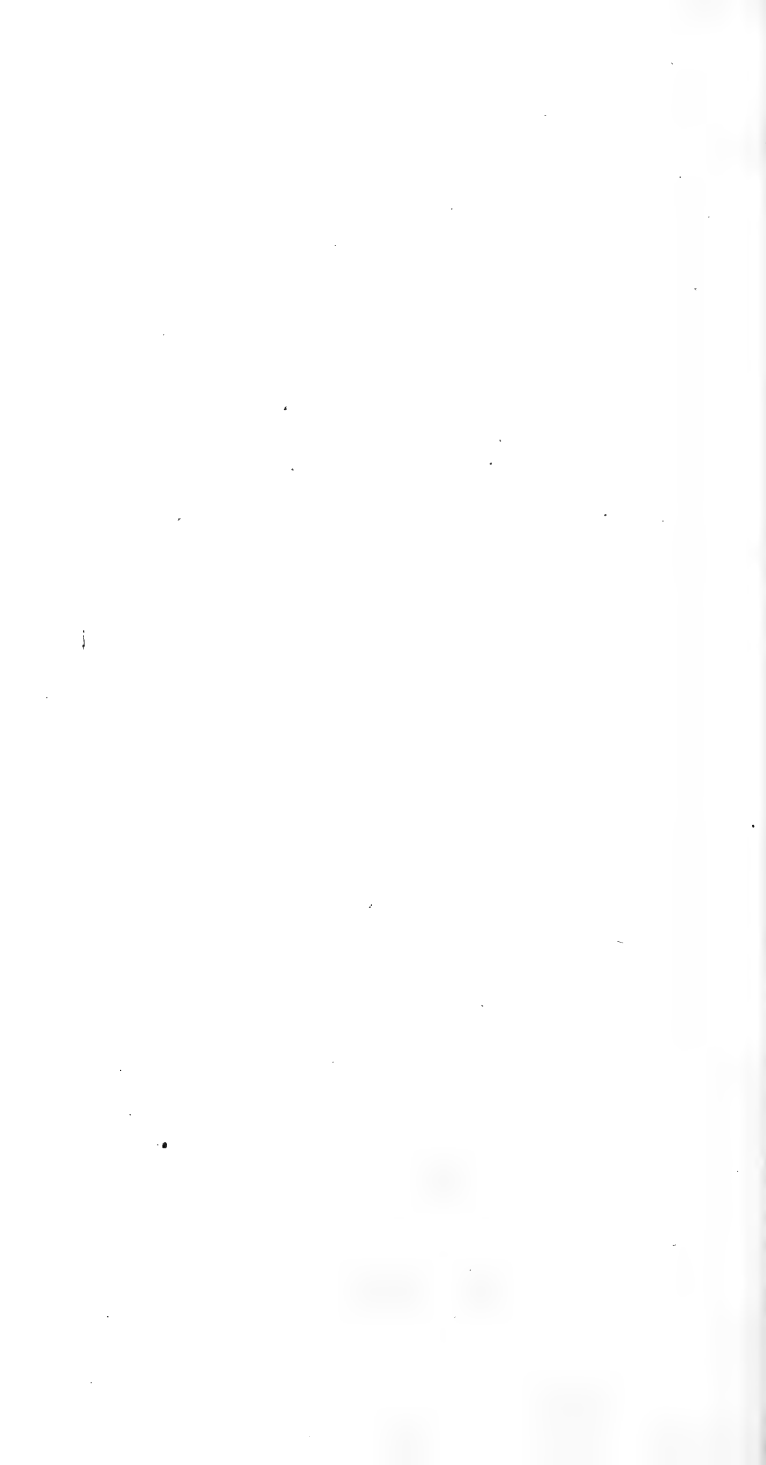




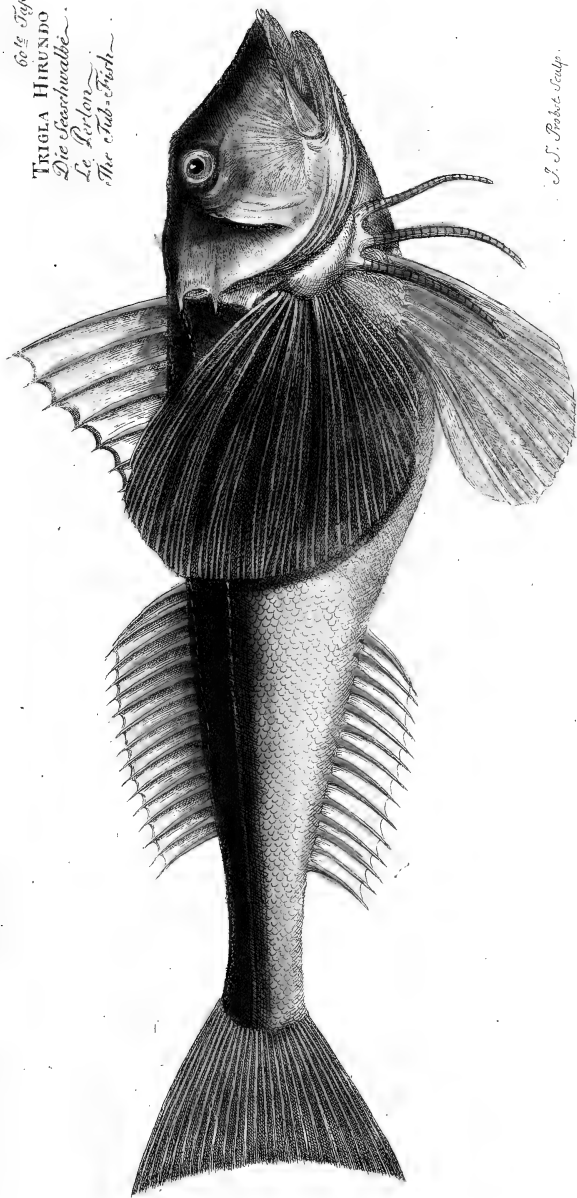
30<sup>te</sup> Fig.  
TRIGLA CUCULUS.  
Der Rothe Seehuhn.  
Le Bouget.  
The Red Gurnard.



J. S. Probst. Sculp.



60<sup>te</sup> Tag.  
TRIGLA HIRUNDO  
Die Seeschwalbe.  
Le. Schlon.  
The Club-Fish.

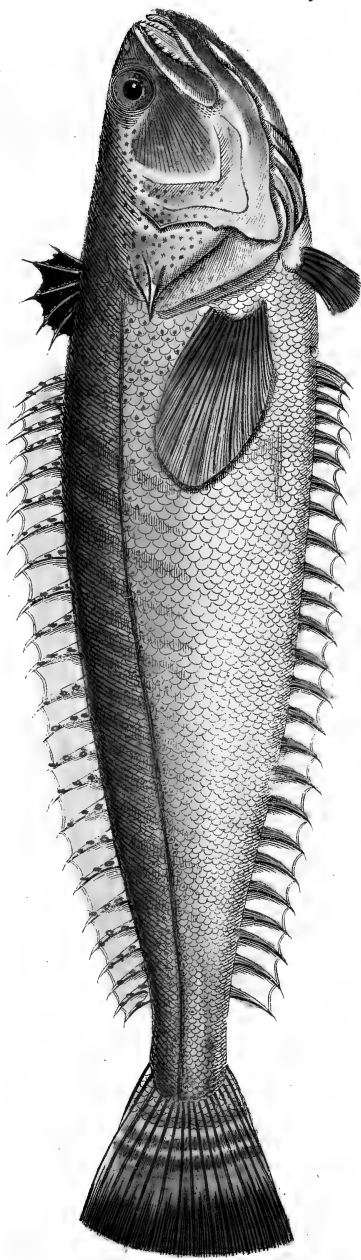


J. J. Roberts Sculp.





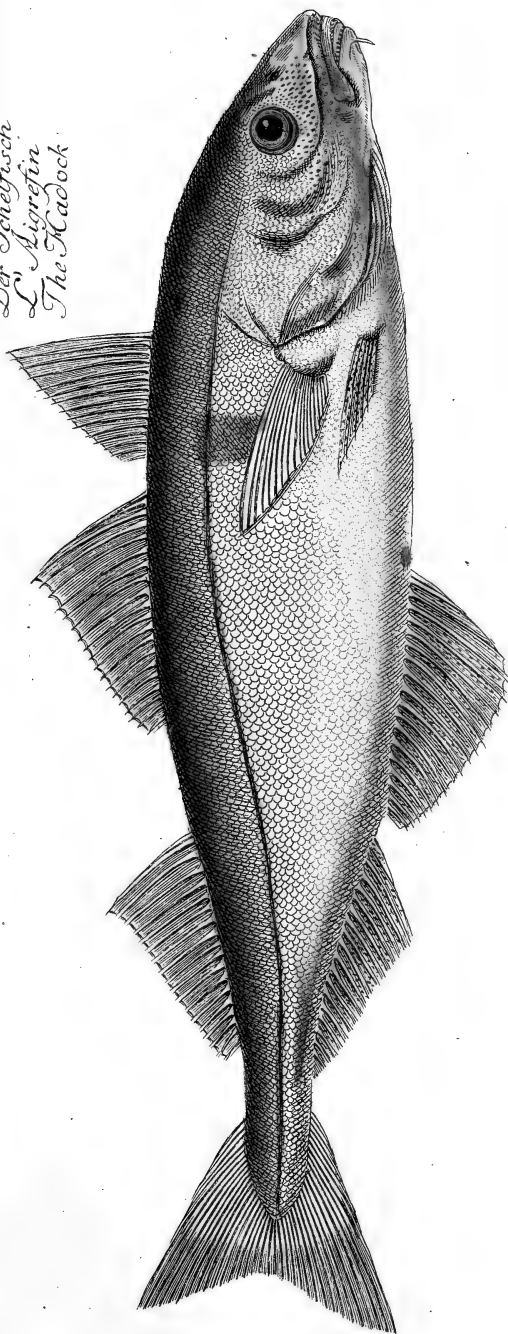
61<sup>te</sup> Tafel  
**TRACHINUS DRACO**  
Der Petersmännchen  
Le Vive  
The Common Wierer



C. F. G. G. G. G. G.

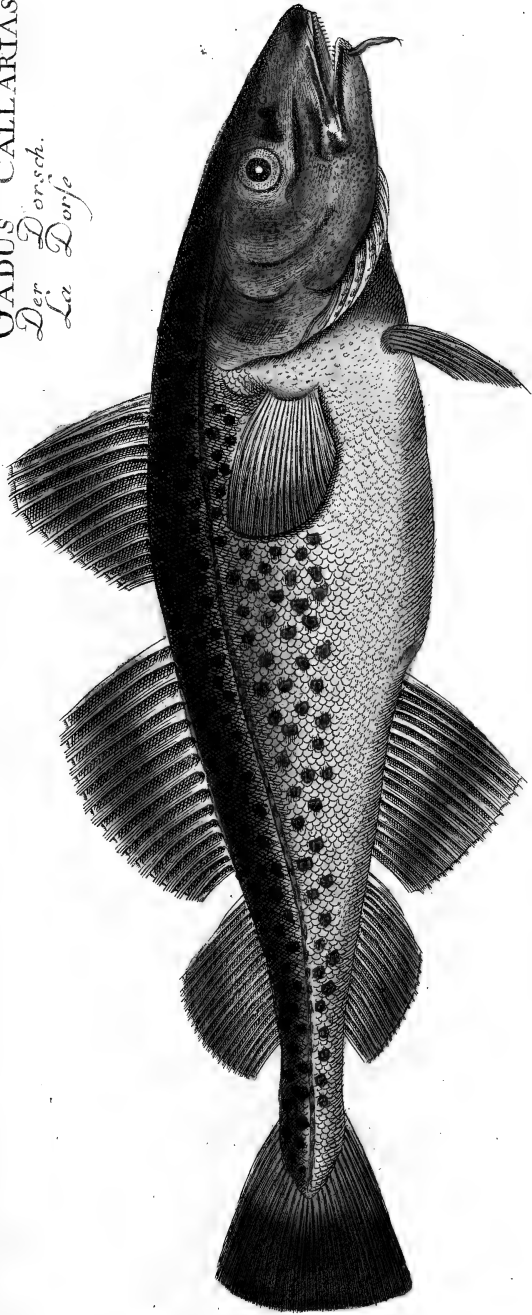


GADUS AEGLEFINUS  
Der Schellfisch  
L'Aigrefin  
The Haddock



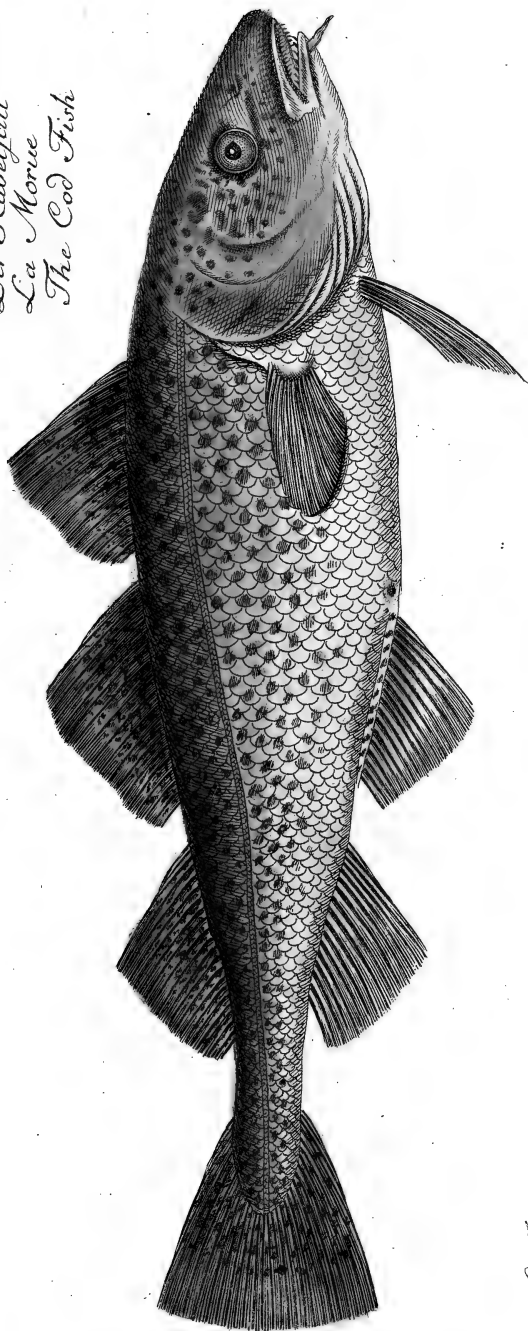


GADUS CALLARIAS  
Der Dorsch.  
La Dorse





GADUS MORHUA  
*Der Kabeljau*  
*La Morue*  
*The Cod Fish*



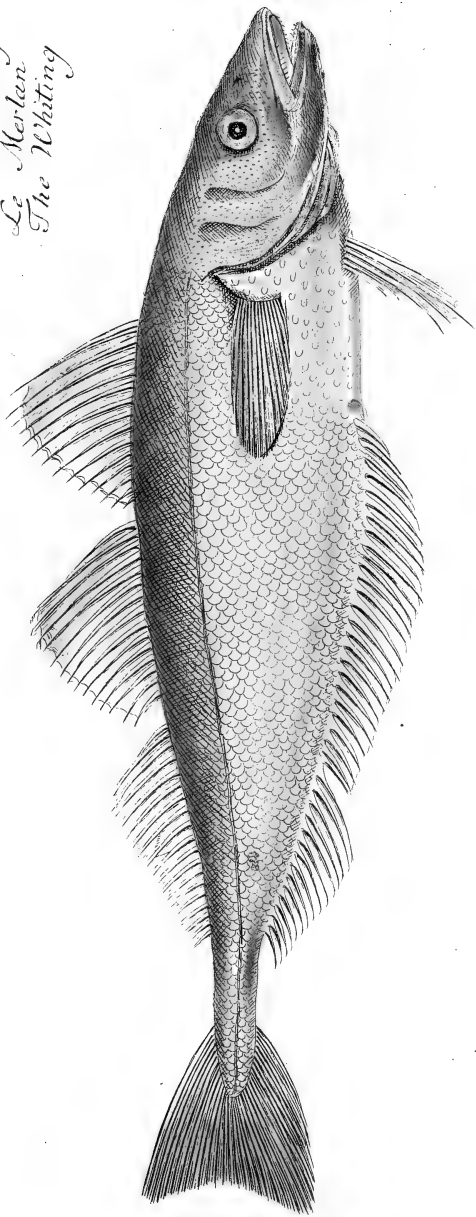
C. F. G. & Co. So.



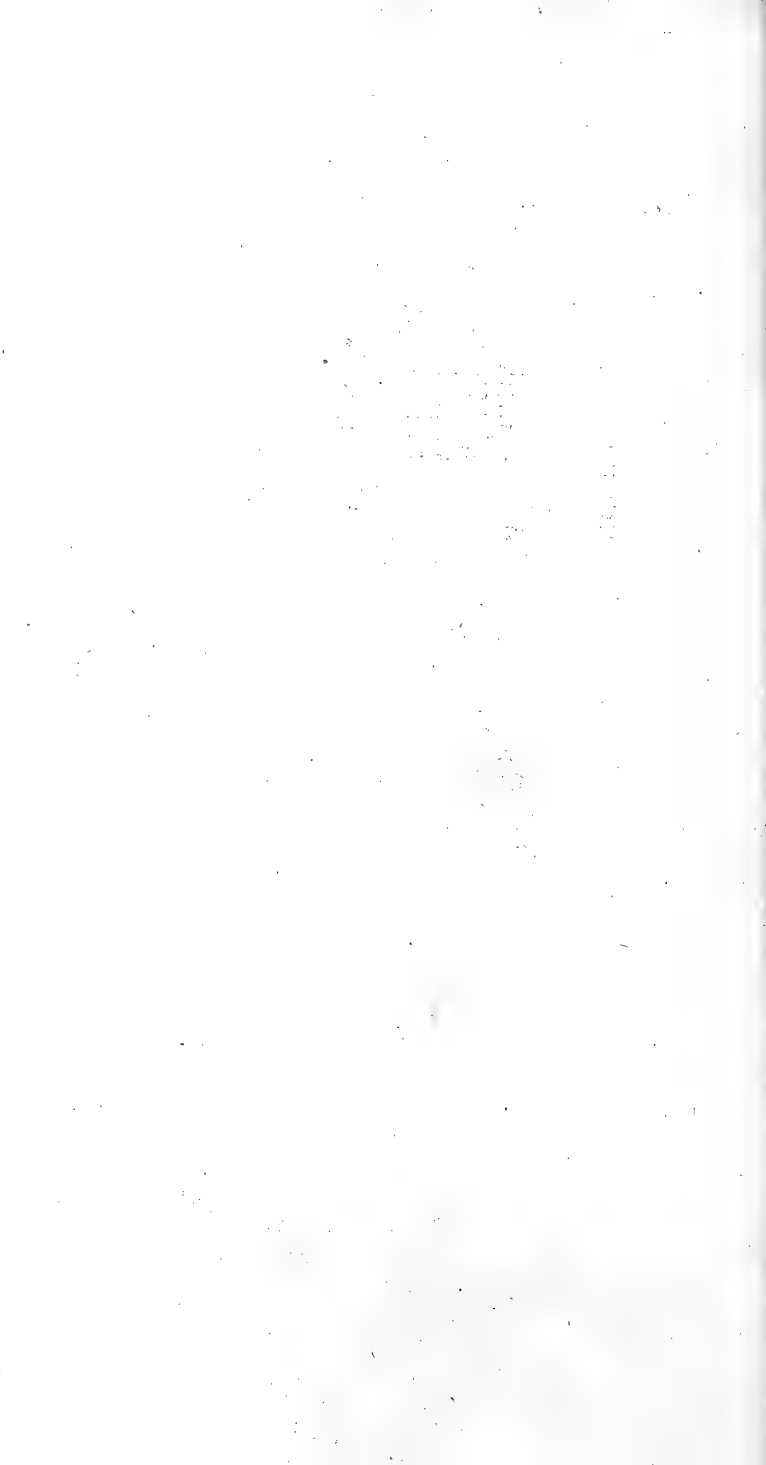


65 <sup>te</sup> Tafel

GADUS MERLANGUS  
Der Wittling  
Le Merlan  
The Whiting



C.F. Gürsch, Jr.



68<sup>th</sup> Fig.

GADUS CARBONARIUS.  
Der Fickler  
Le Colin.  
The Coal Fish.



J. S. Probst Sc.



Fig 1. GADUS MINUTUS.  
Der Zwergdorsch.  
l'Officier.  
te Poor.

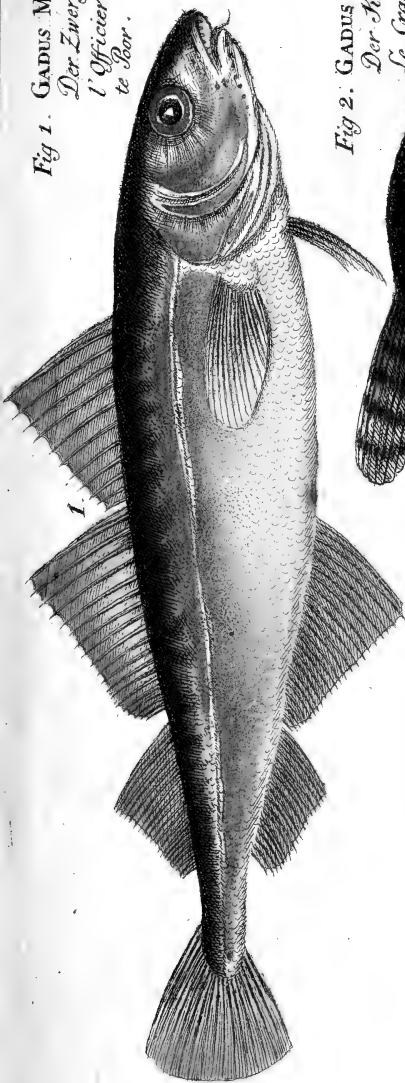
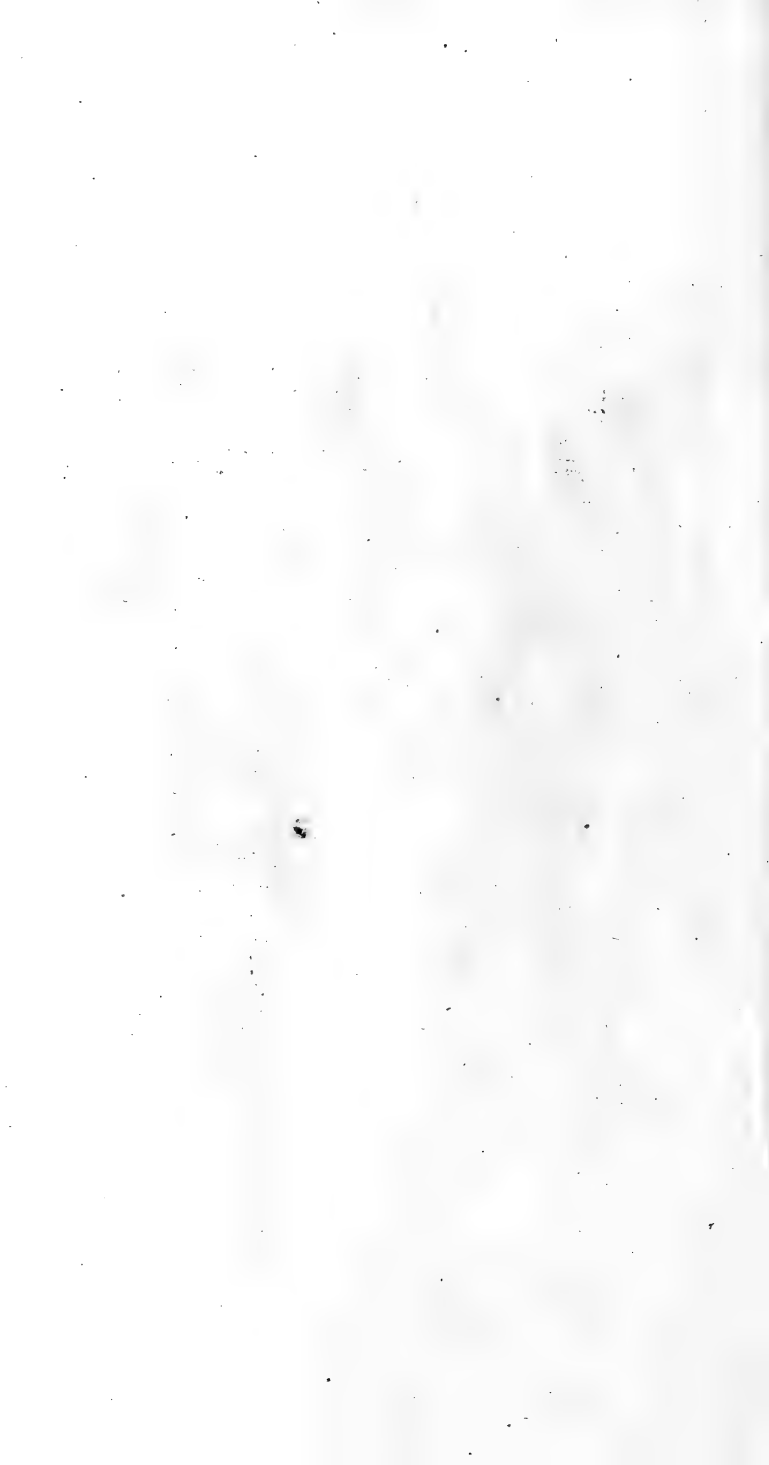


Fig 2. GADUS TAU.  
Der Krötenfisch.  
Le Crapaud de Mer.





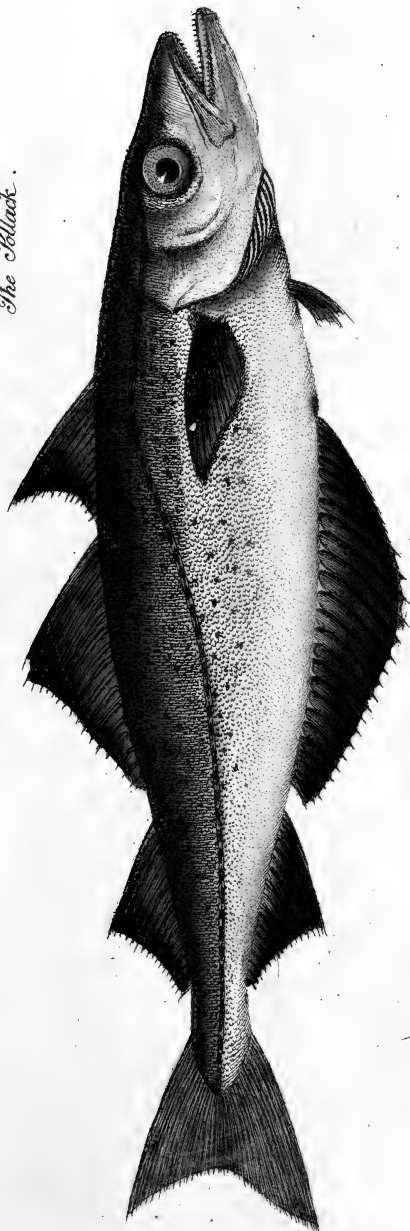
68<sup>th</sup> Fig.

GADUS POLLACHIUS.

Der Pollac.

Le Lieu.

The Pollack.



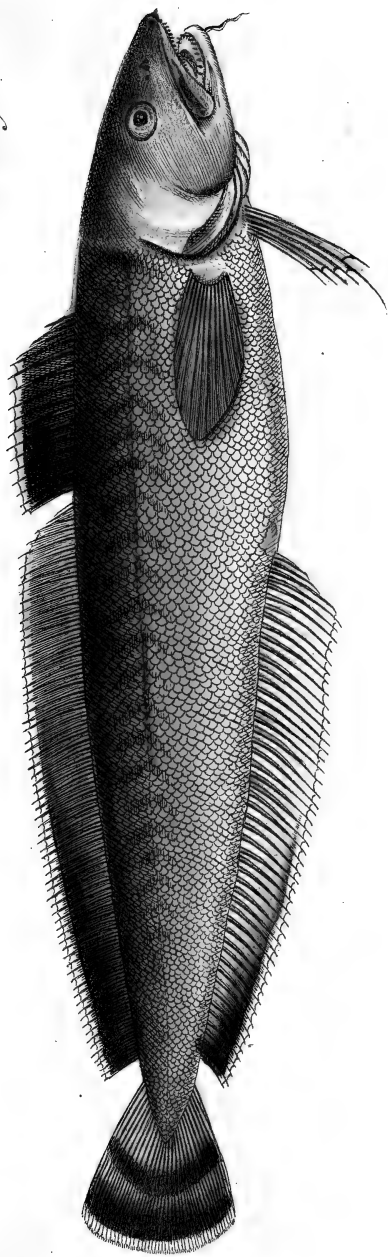
J. S. Poiré. Sculp.





GADUS MOLVA

Der Leng  
La Lingue  
The Ling



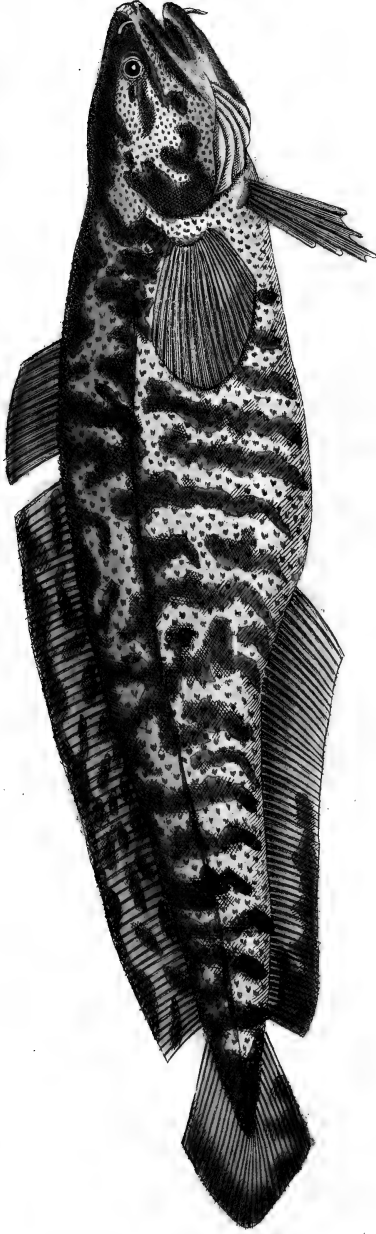


GADUS LOTA.

Die Quappe.

La Lôte.

The Burbot.



C.F. Gussé de Se.



Fig. 1. BLENNIUS GUNELLUS.

Der Butterfisch.  
The Butterfish.

Fig. 2.



Fig. 2. BLENNIUS PHOLIS.

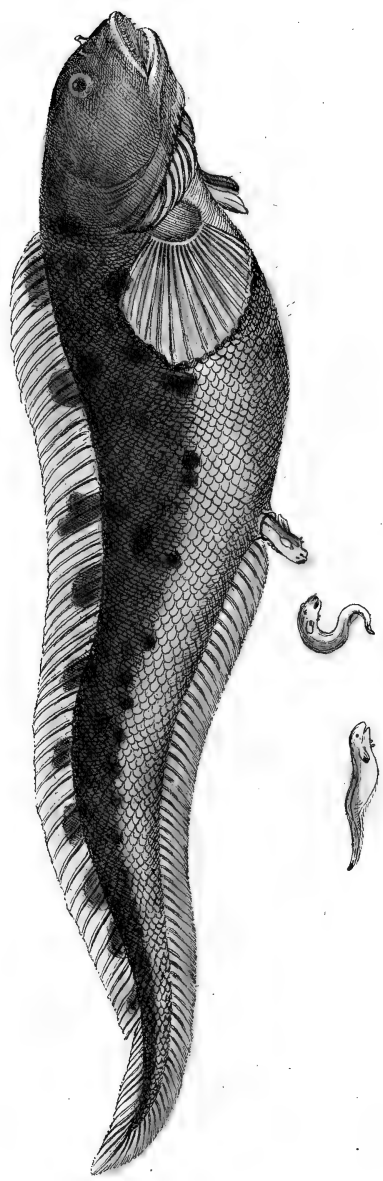
Die Meerlerche.  
La Perceperre.  
The Bulcard.  
Le Papillon de mer.

Fig. 1.





BLENNIUS VIVIPARUS  
*Die Aalmutter*  
*The Viviparous Blenny.*  
*La Perce-pierre Vivipare*







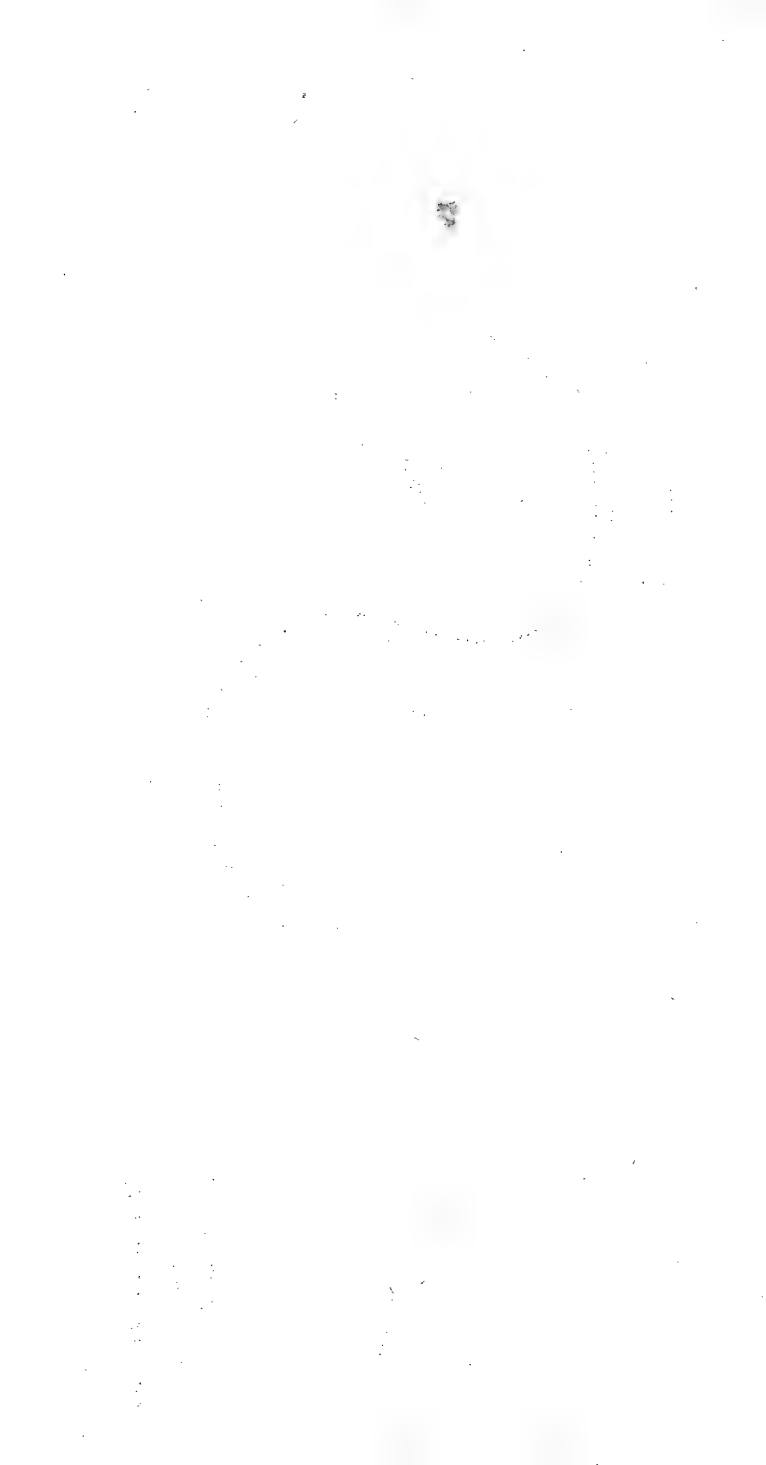
*MURAENA ANGUILLA*, A

*Der Aal.*

*L'Anguille.*

*The Eel.*





*ANARCHIAS LUPUS.*

Der Seewolf.

*Le Loup Marin.*

*The Wolf fish.*



C. F. Gürschke.

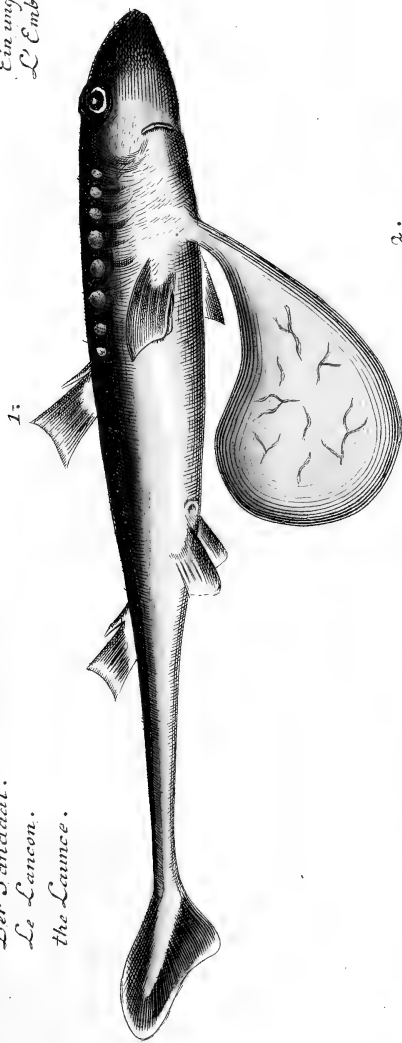


2. *AMMODYTES TOBIANUS*.

*Der Sandaal.*

*Le Lancon.*

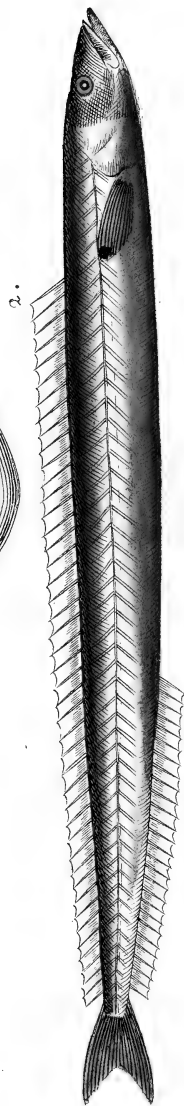
*the Lounce.*



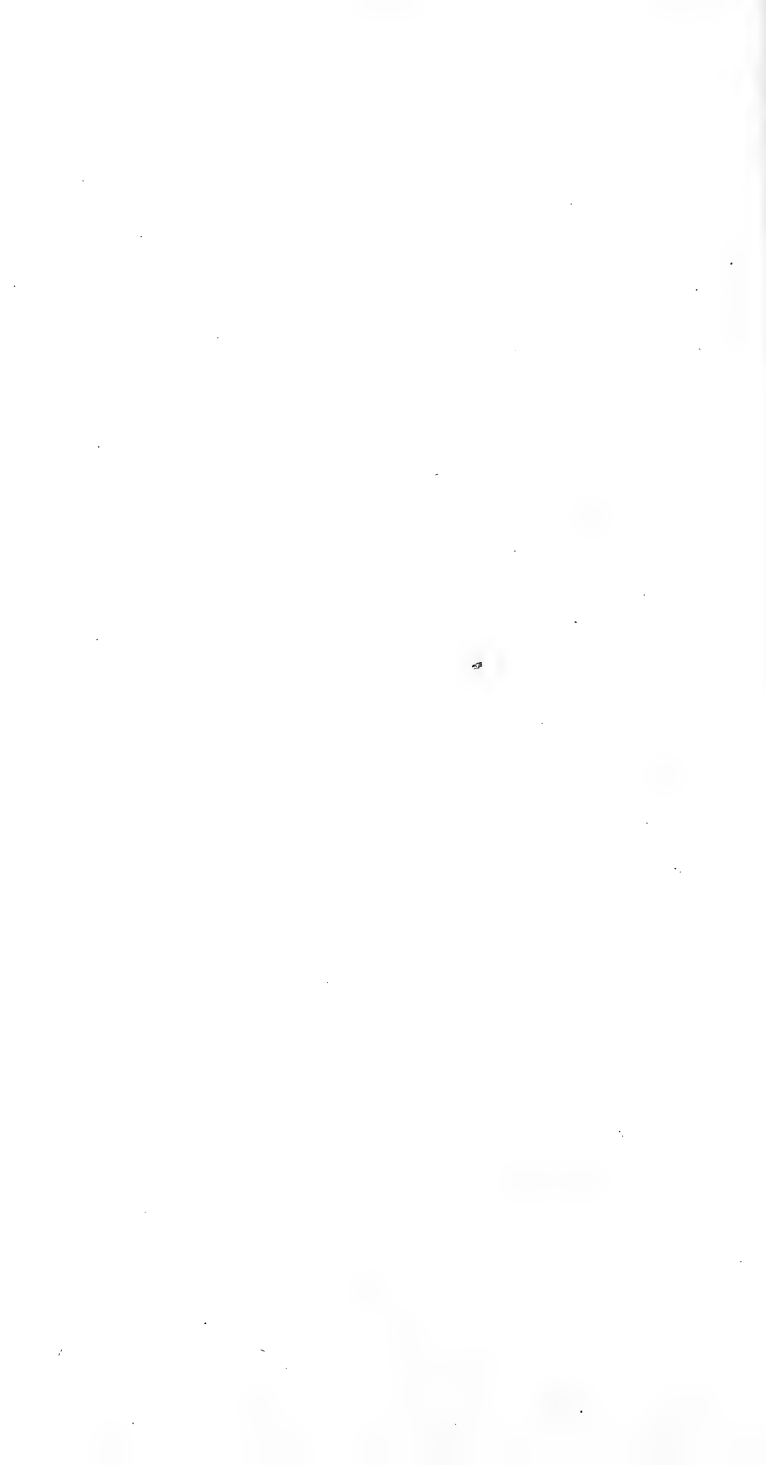
1. *EMBRIO SQUALI*.

*Ein ungebolmer Haifisch.*

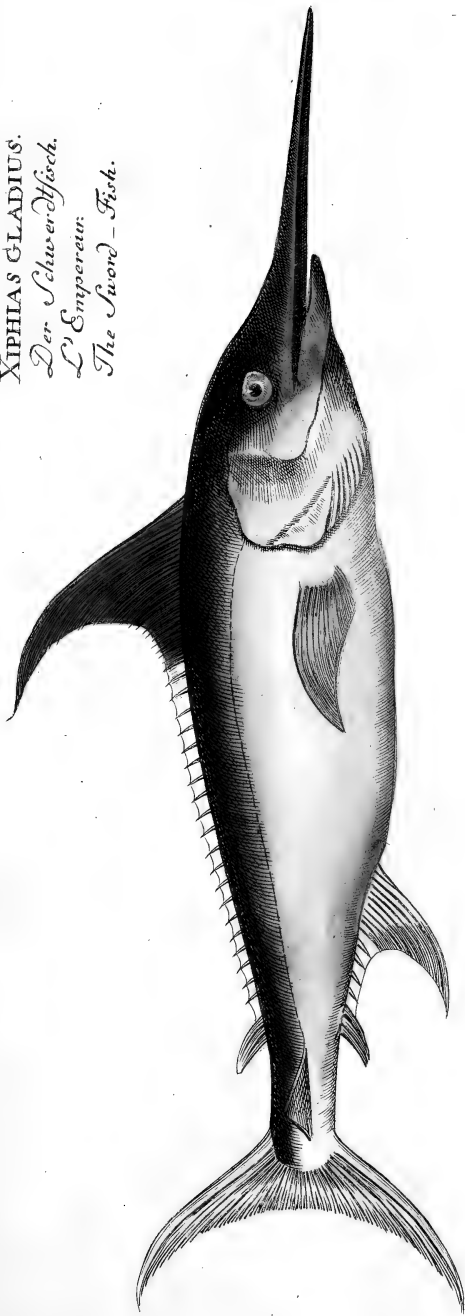
*L'Embryon du Requiem.*



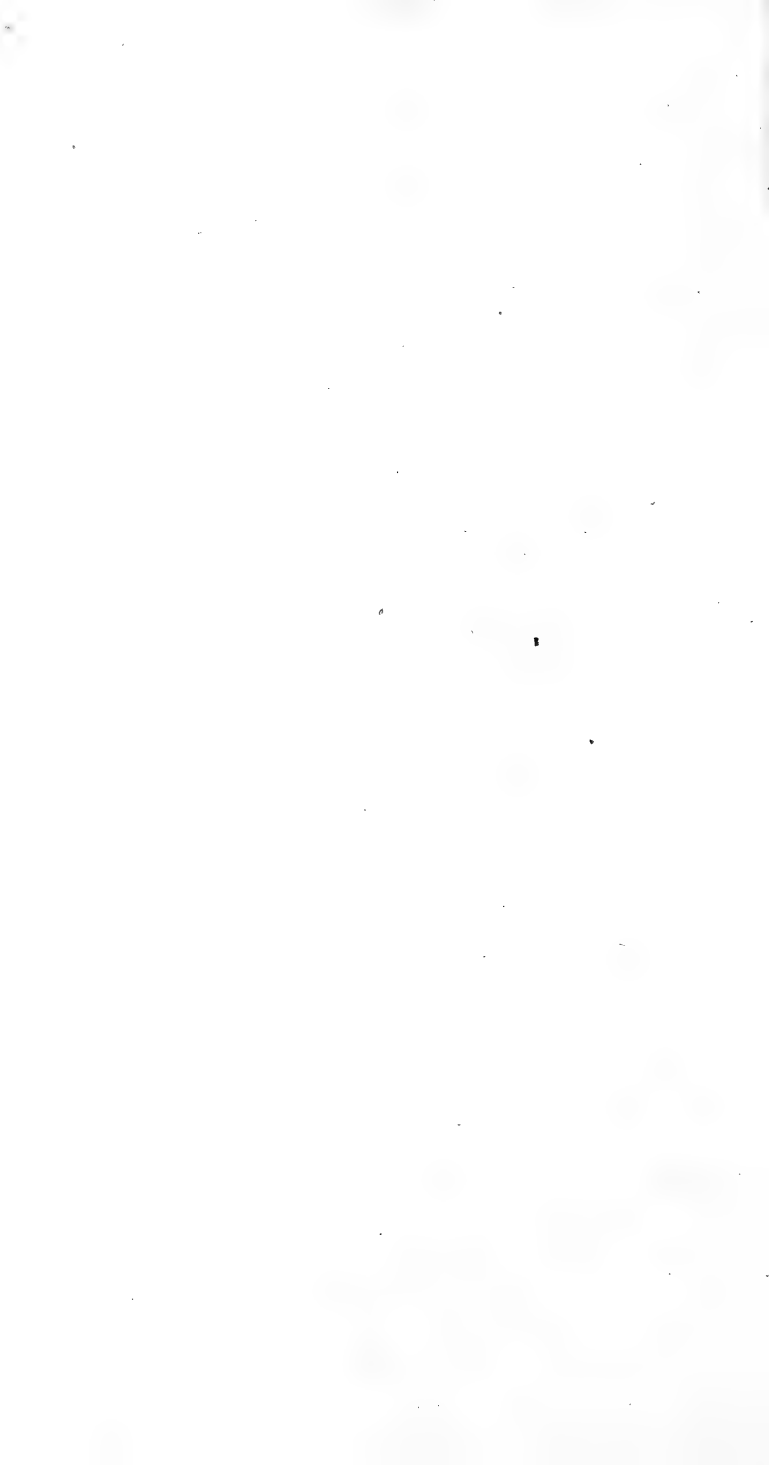
*C. F. Giesche sc.*



XIPHIAS GLADIUS.  
Der Schwerdtfisch.  
L'Empereur.  
The Sword-Fish.



C. F. Günther sc.



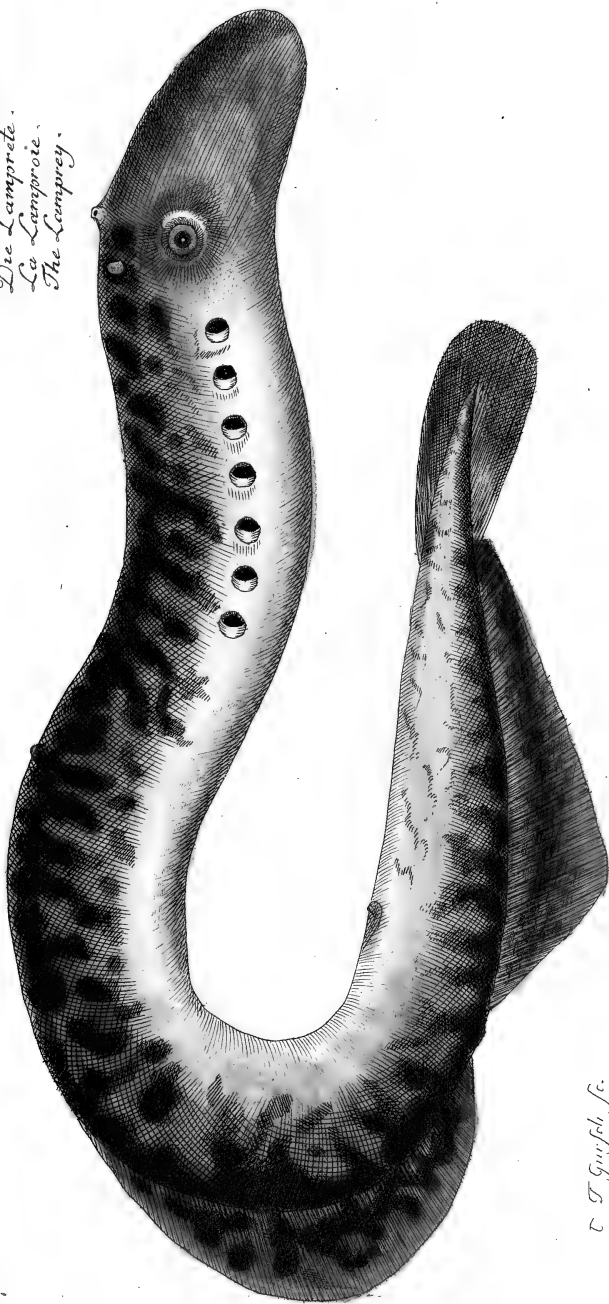


PETROMIZON MARINUS.

*Die Lamprete.*

*La Lamproie.*

*The Lamprey.*



T. T. Gussak, sc.



## PETROMYZON PLANERI.

*Das kleine Neunauge*

## PETROMYZON BRANCHIALIS.

*Der Quorder.**Le Lampillon.**The Pude.*

## PETROMYZON FLUVIATILIS.

*Neunauge.**La Lamproie.**The Lesser Lamprey.*

Fig: 1.

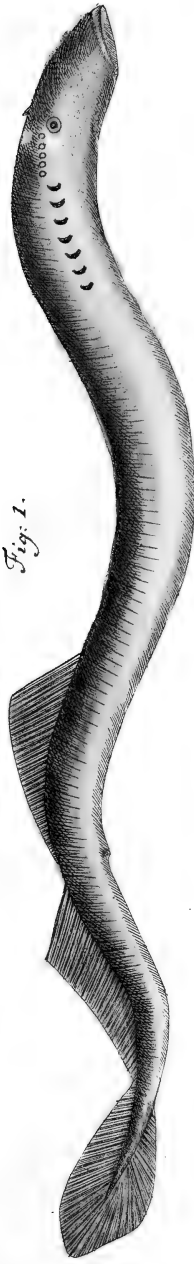


Fig: 3.

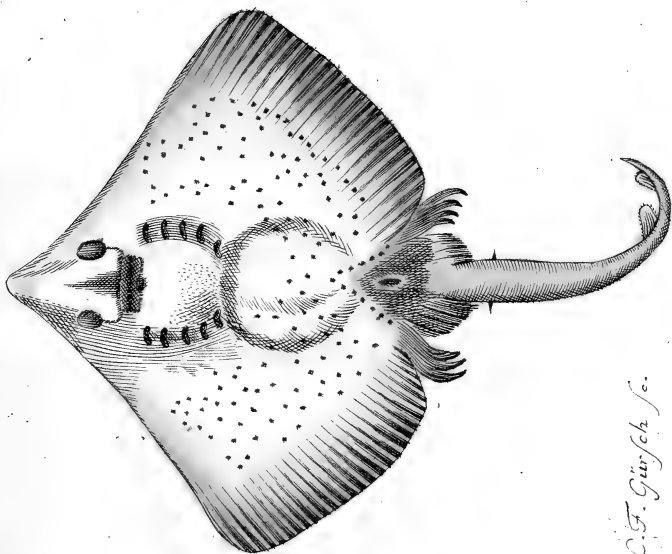
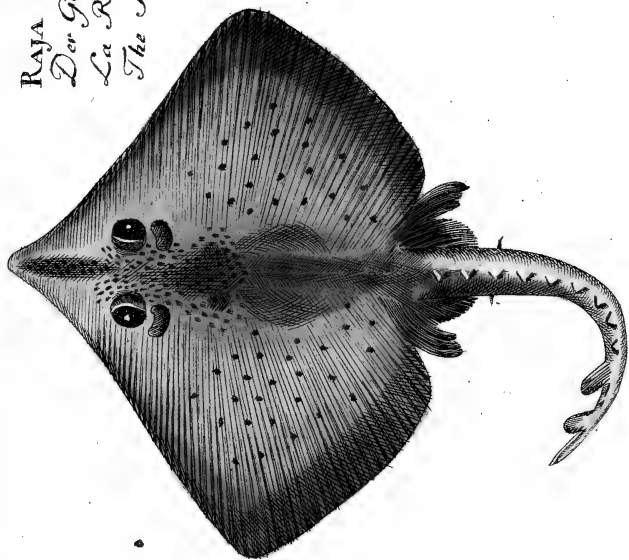


Fig: 2.





RAJA BATIS.  
Der Glettroche.  
La Raie cendrée.  
The Skate.



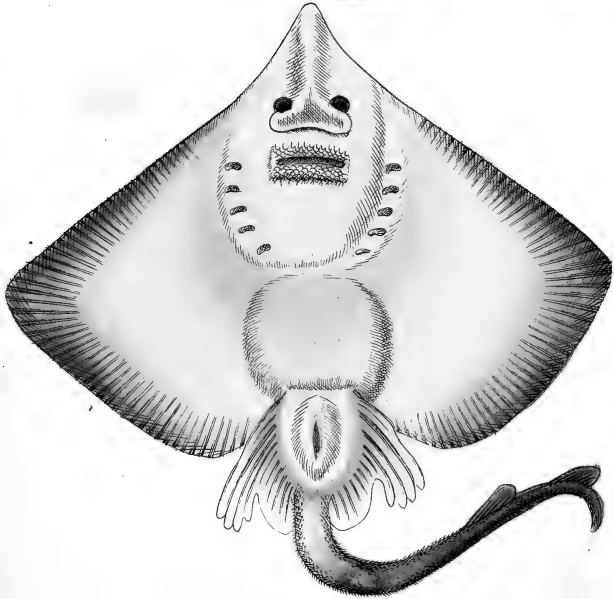
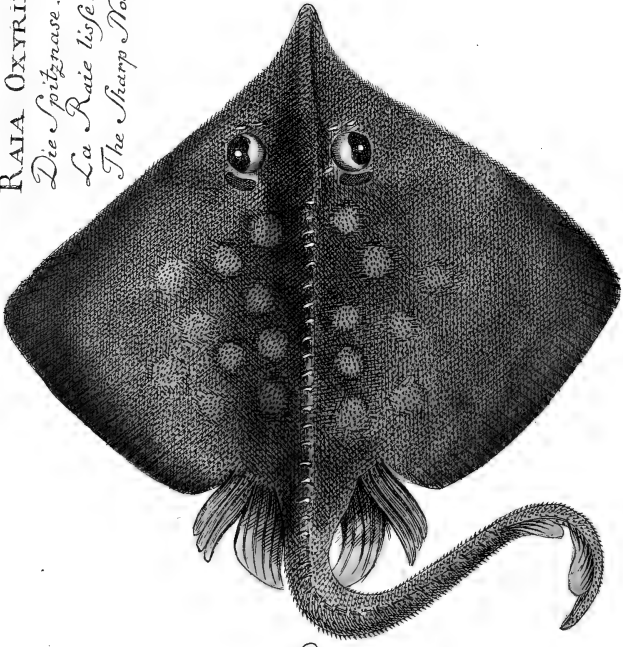


## RAIA OXYRINCHUS.

Die Spitznase.

La Raie lise.

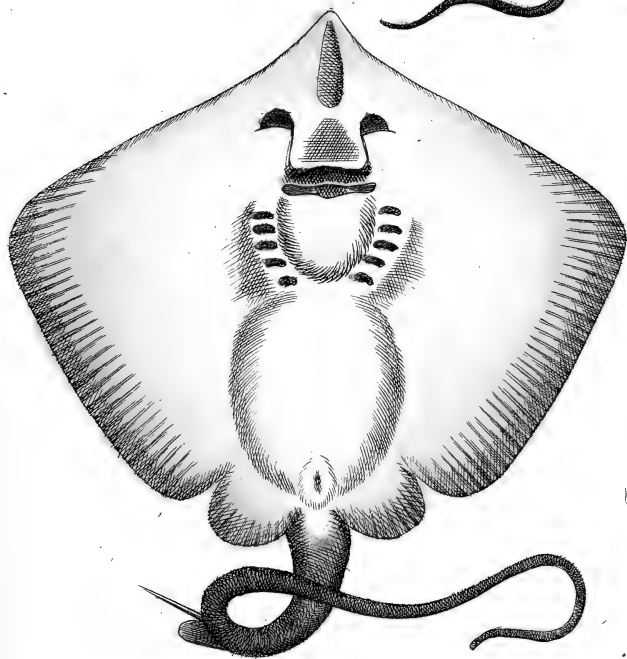
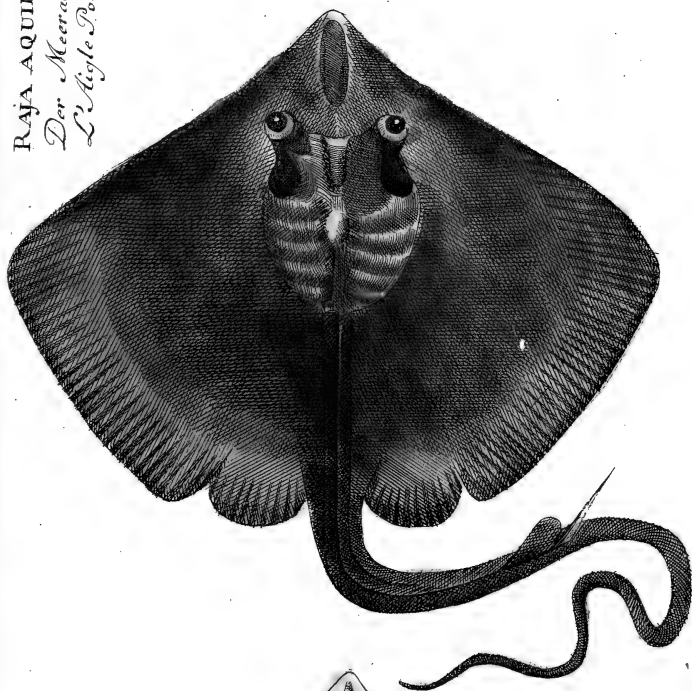
*The Sharp Nosed Ray.*







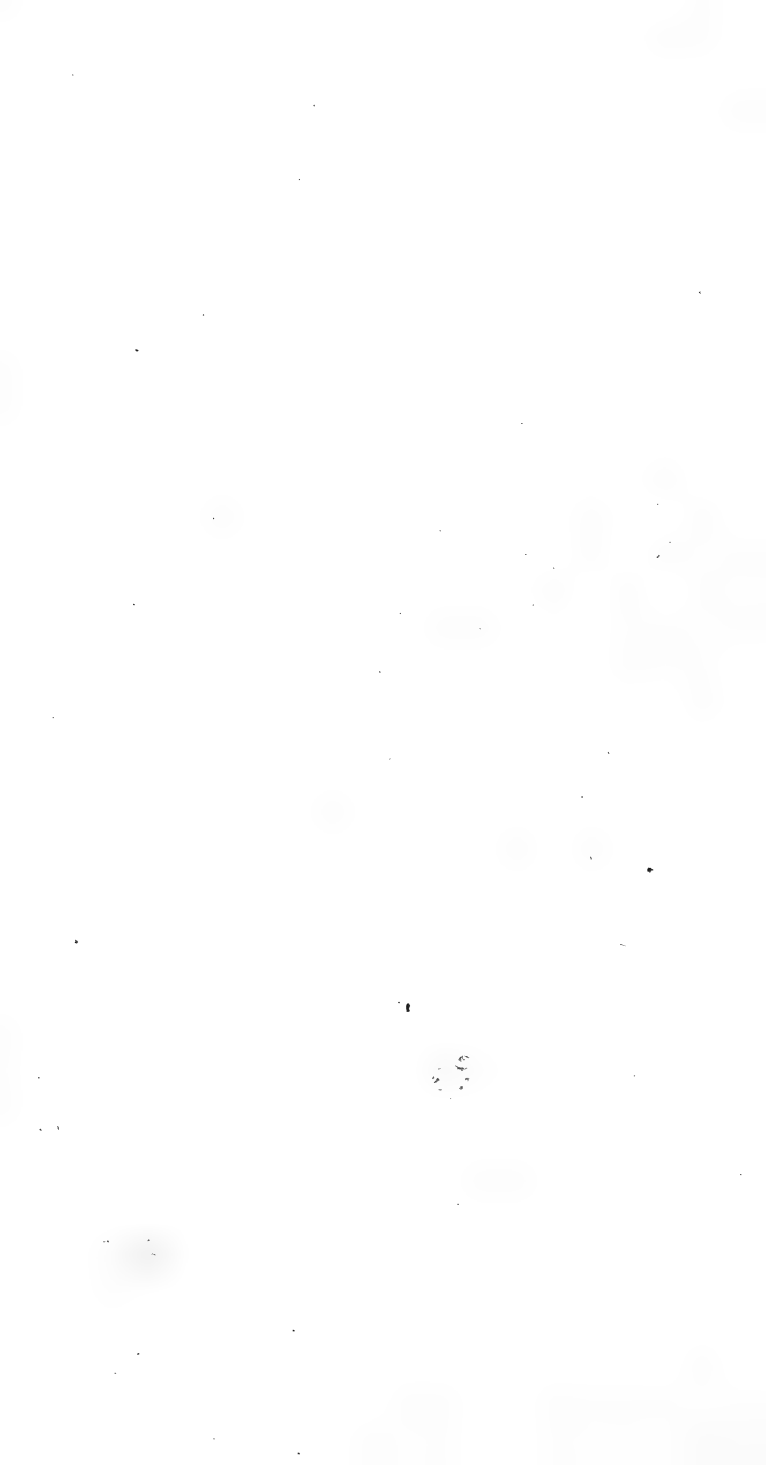
RAJA AQUILA.  
*Der Meeradler.*  
*L'Algle Poisson.*



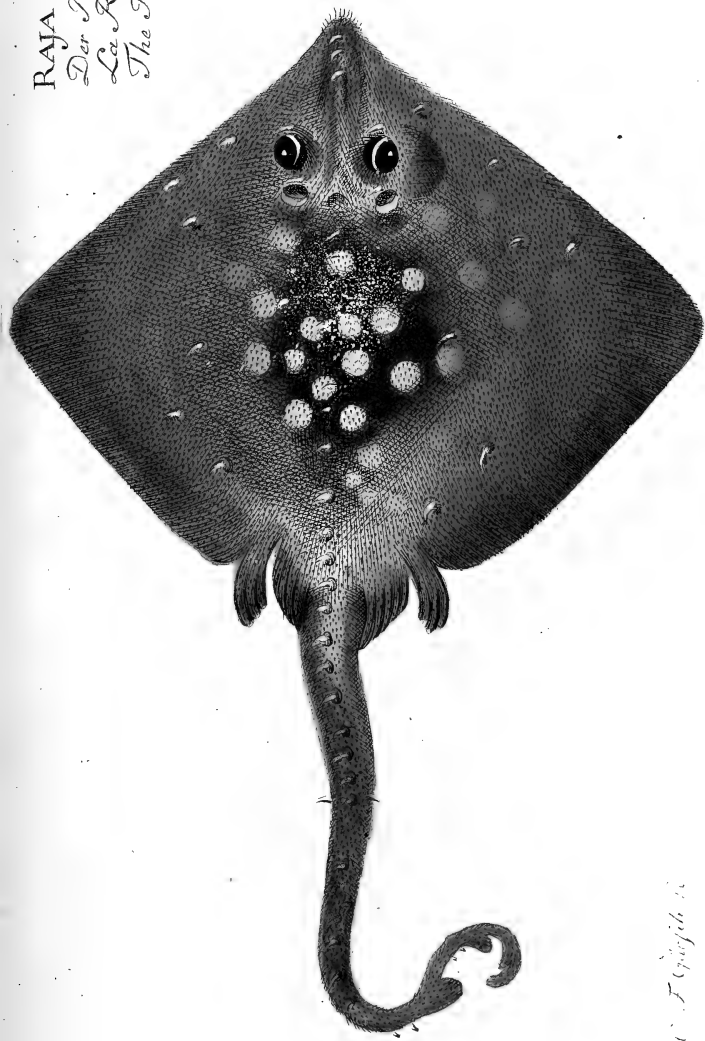
C. F. Günther sc.







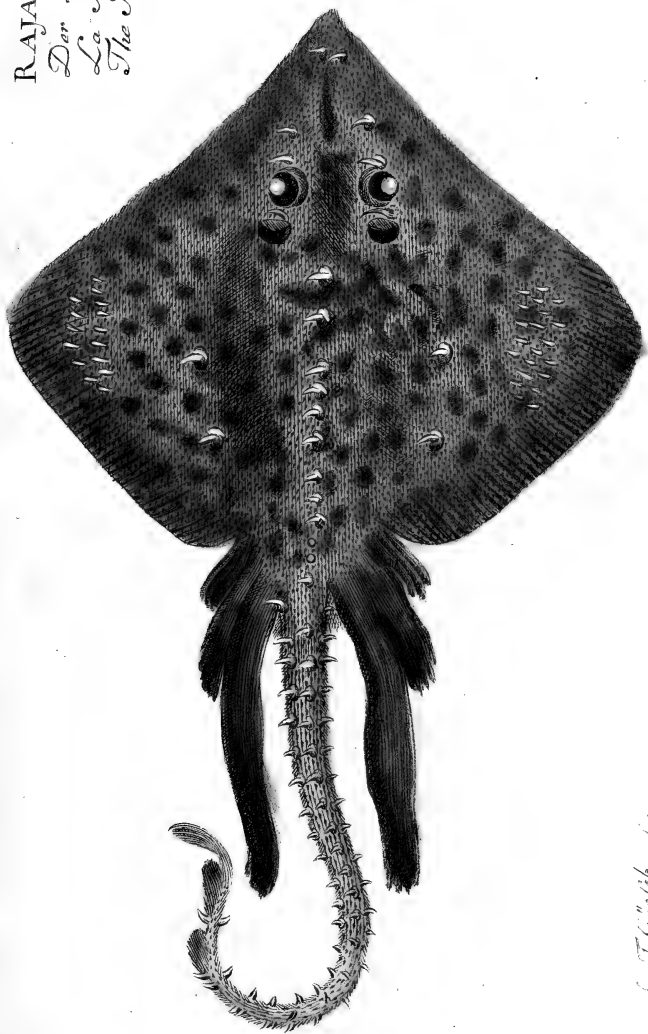
RAJA CLAVATA.  
*Der Nagelbrock.*  
*La Raie Bourée.*  
*The Thornback.*



*C. F. G. G. G. G.*



RAJA RUBUS.  
Der Dornroche.  
La Ronce.  
The Rough Ray.

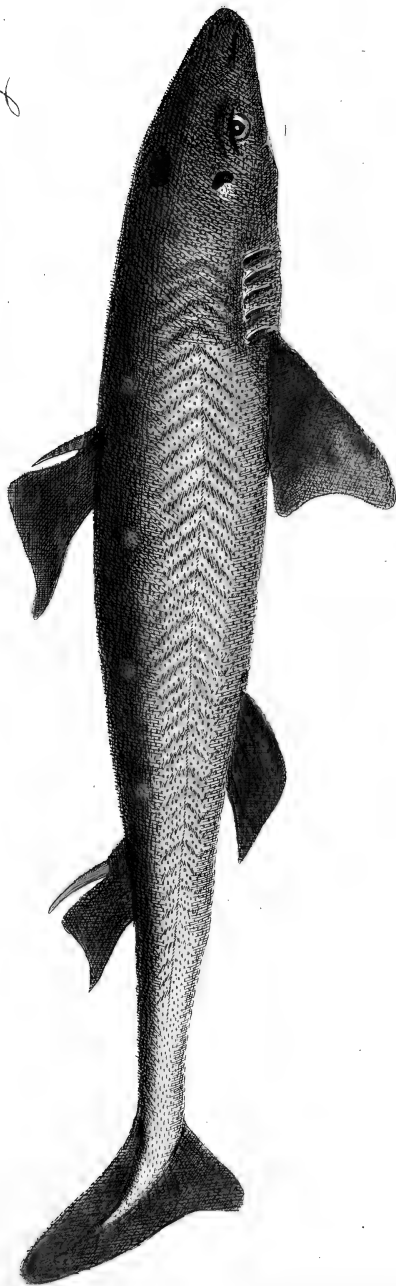


C. J. Gould sculp.





SQUALUS ACANTHIAS.  
 Der Dornhaay.  
 L'Épave.  
 The Picked Dog.





SQUALUS GLAUCUS.

*Der blaue Hai.*

*Le Cagnot bleu.*

*The Blue Shark.*



*C. F. Giesecke sc.*

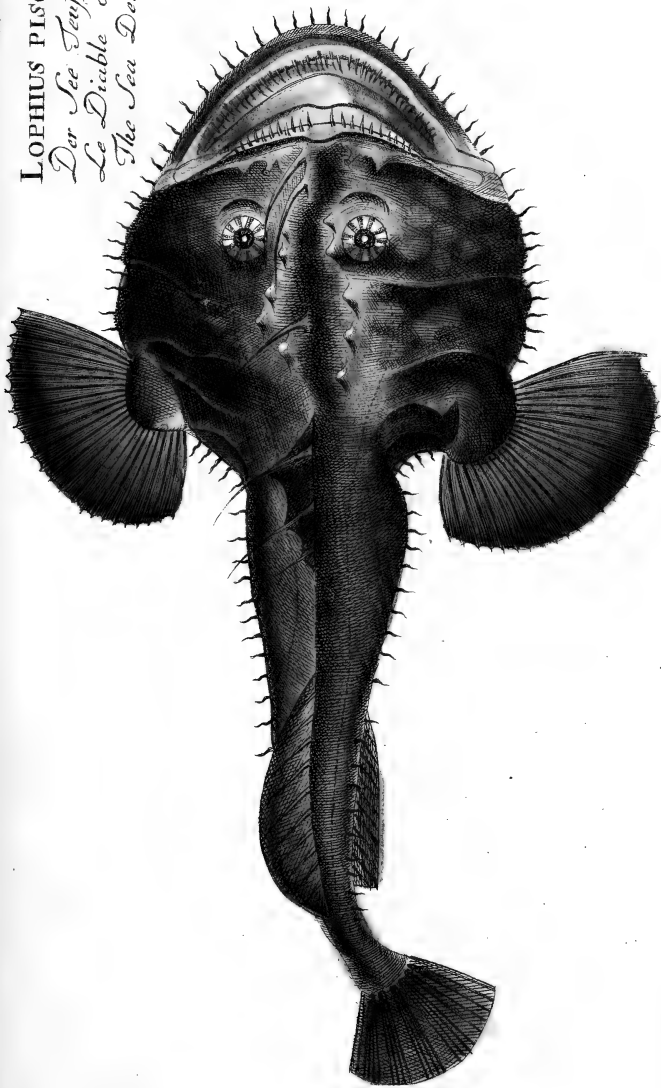


LOPHIUS PISCATORIUS.

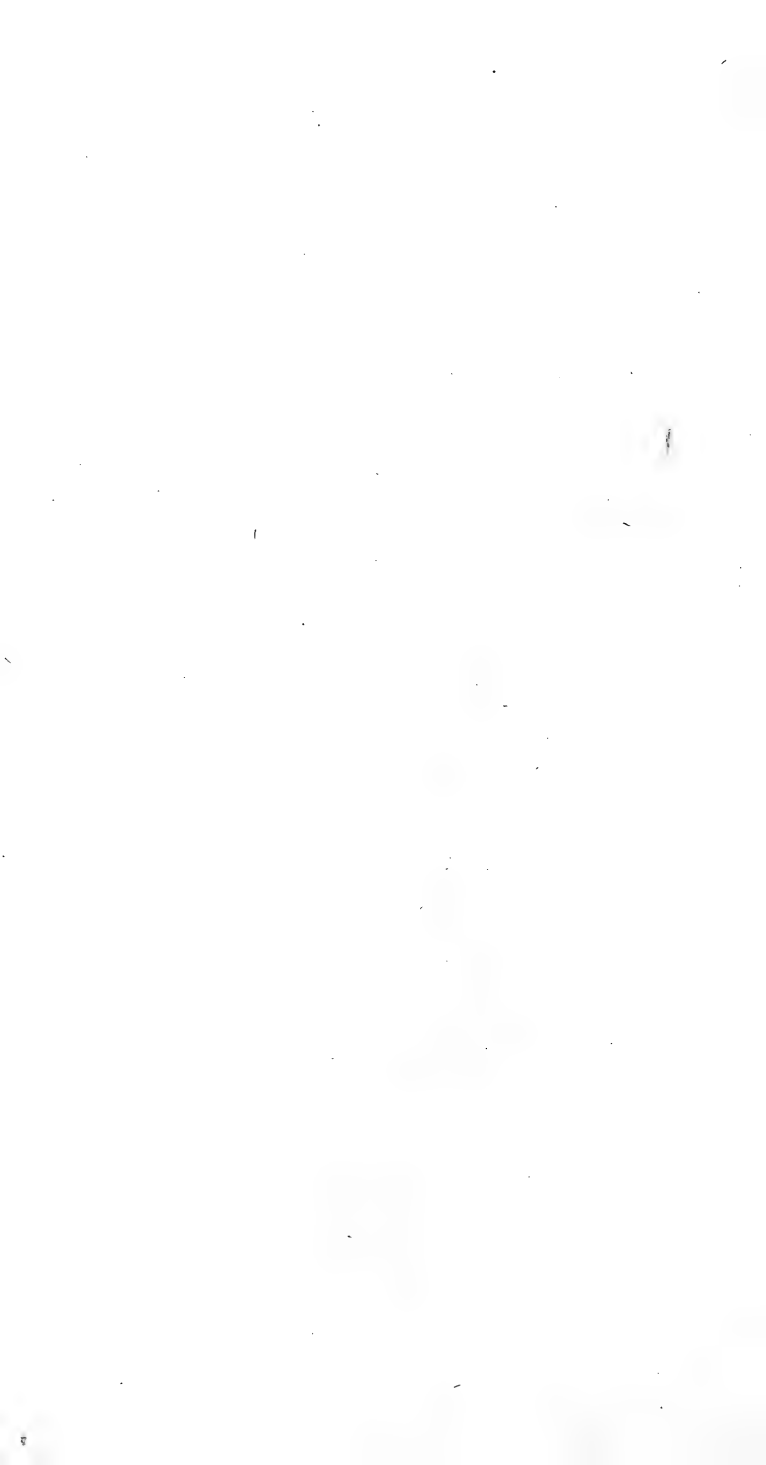
*Der See Teufel.*

*Le Diable de Mer.*

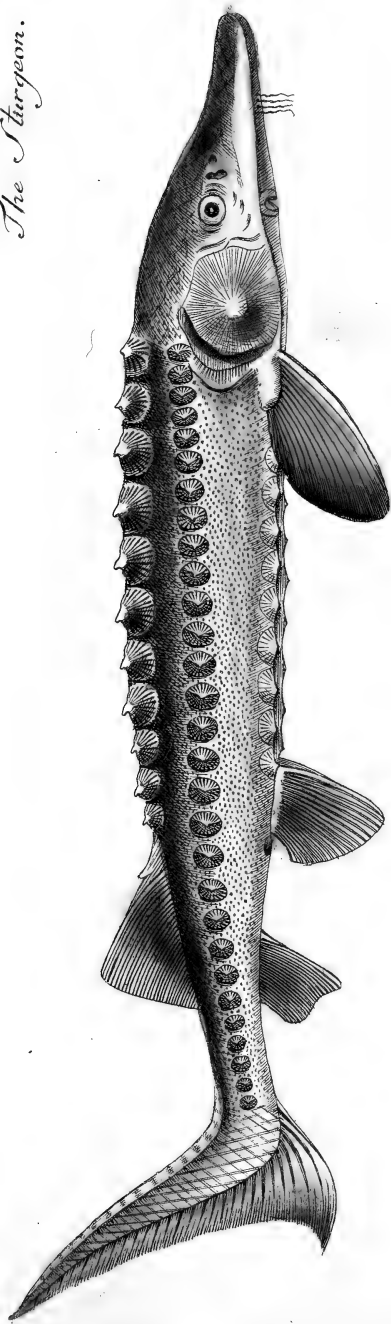
*The Sea Devil.*



*C. F. Goussier sc.*



ACIPENSER STURIO.  
Der Stör.  
L' Esturgeon.  
The Sturgeon.



C. D. G. v. Sch. sc.



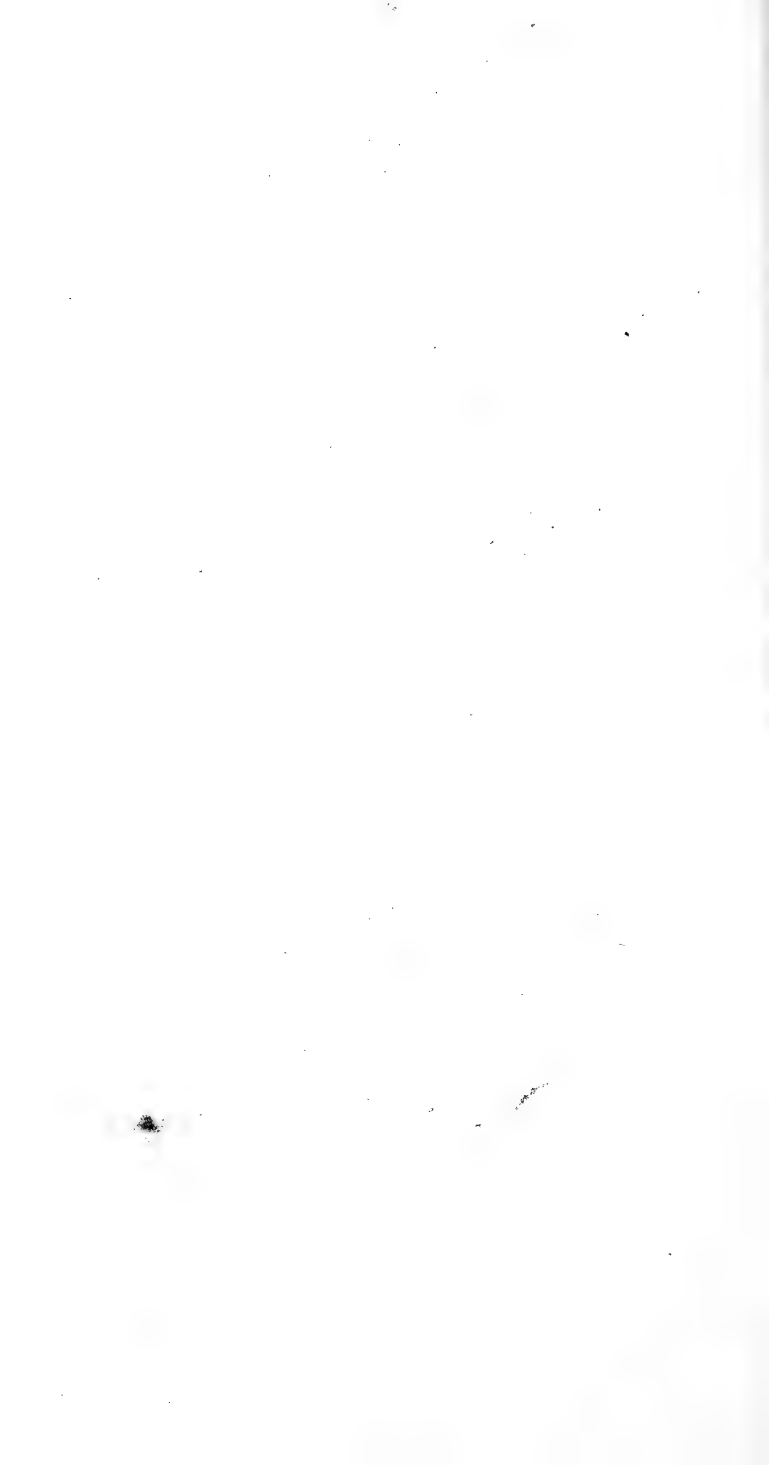


ACIPENSER RUTHENUS.

*Der Sterlet.*

*Le Sterlet.*



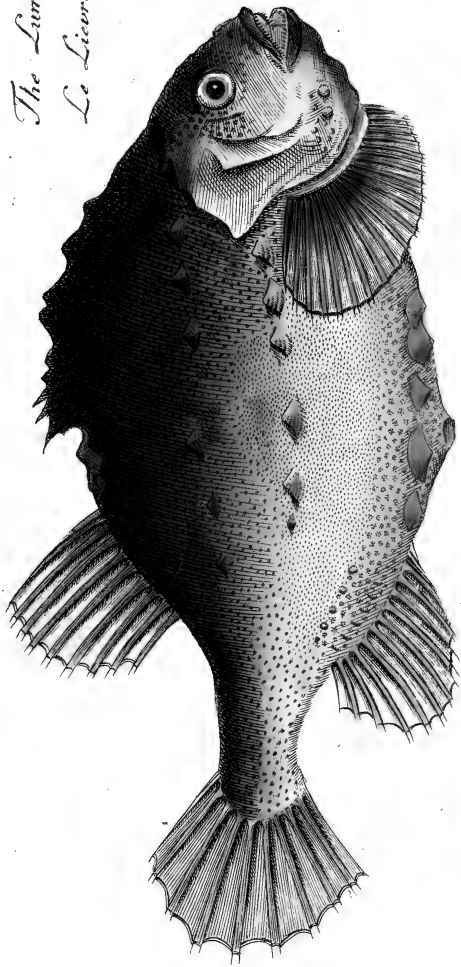


CYCLOPTERUS LUMPUS.

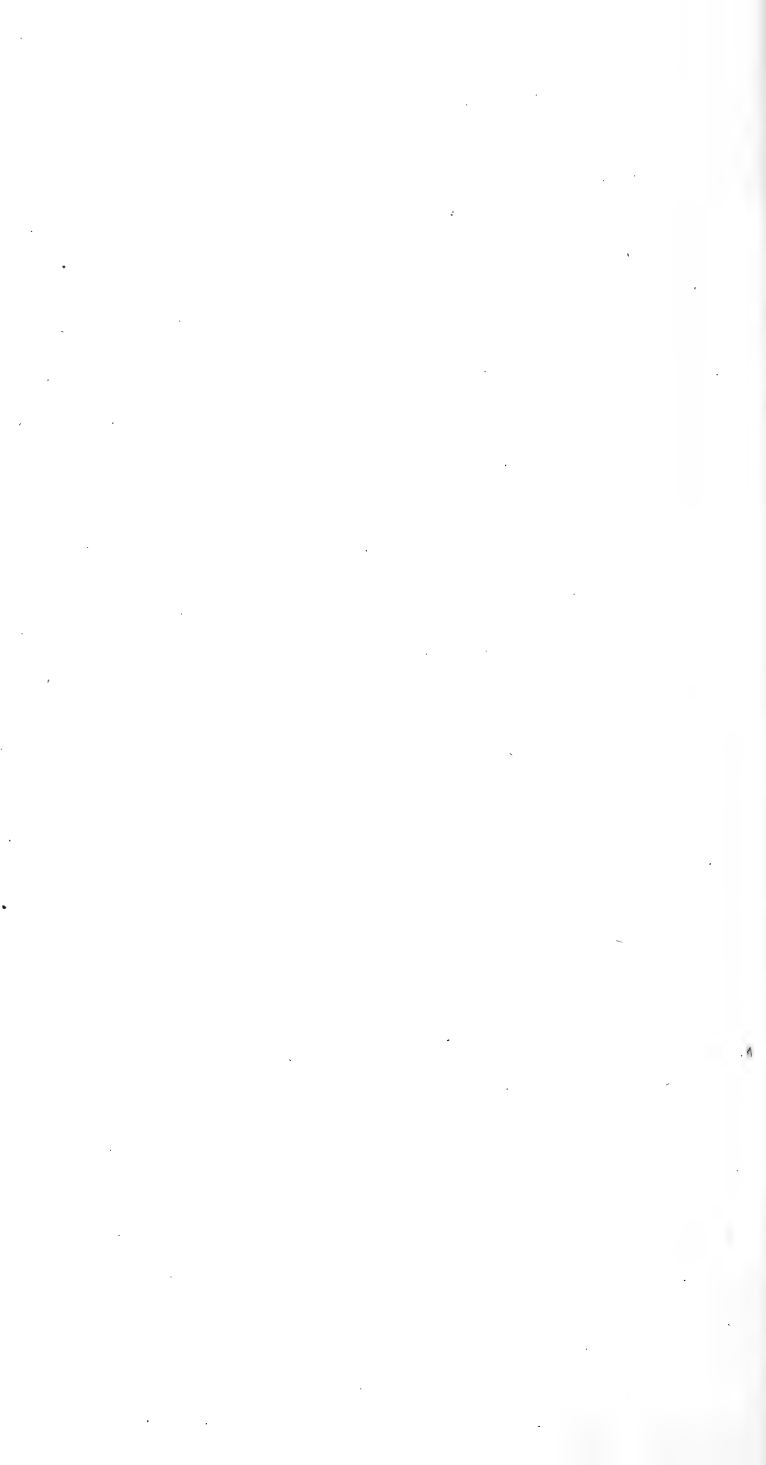
*Der Sechase.*

*The Lump.*

*Le Lievre de Mer.*



*C. F. Günther sc.*







92<sup>te</sup> Tafel.

*DELPHINUS PHOCOENA.*

*Der Braunfisch.*

*Le Marfouin.*

*The Porpoise.*



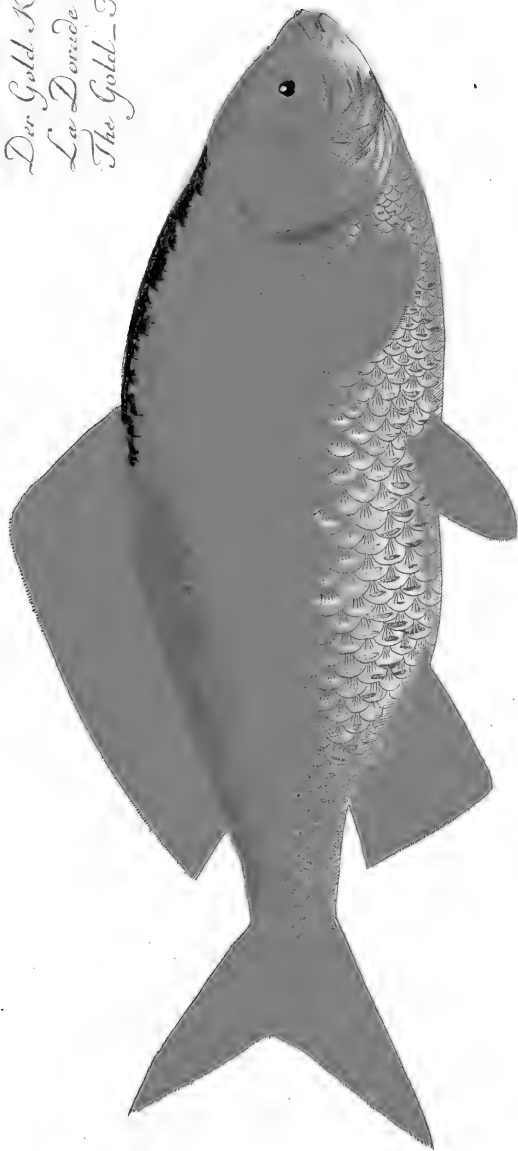
*C. St. Girard sc.*



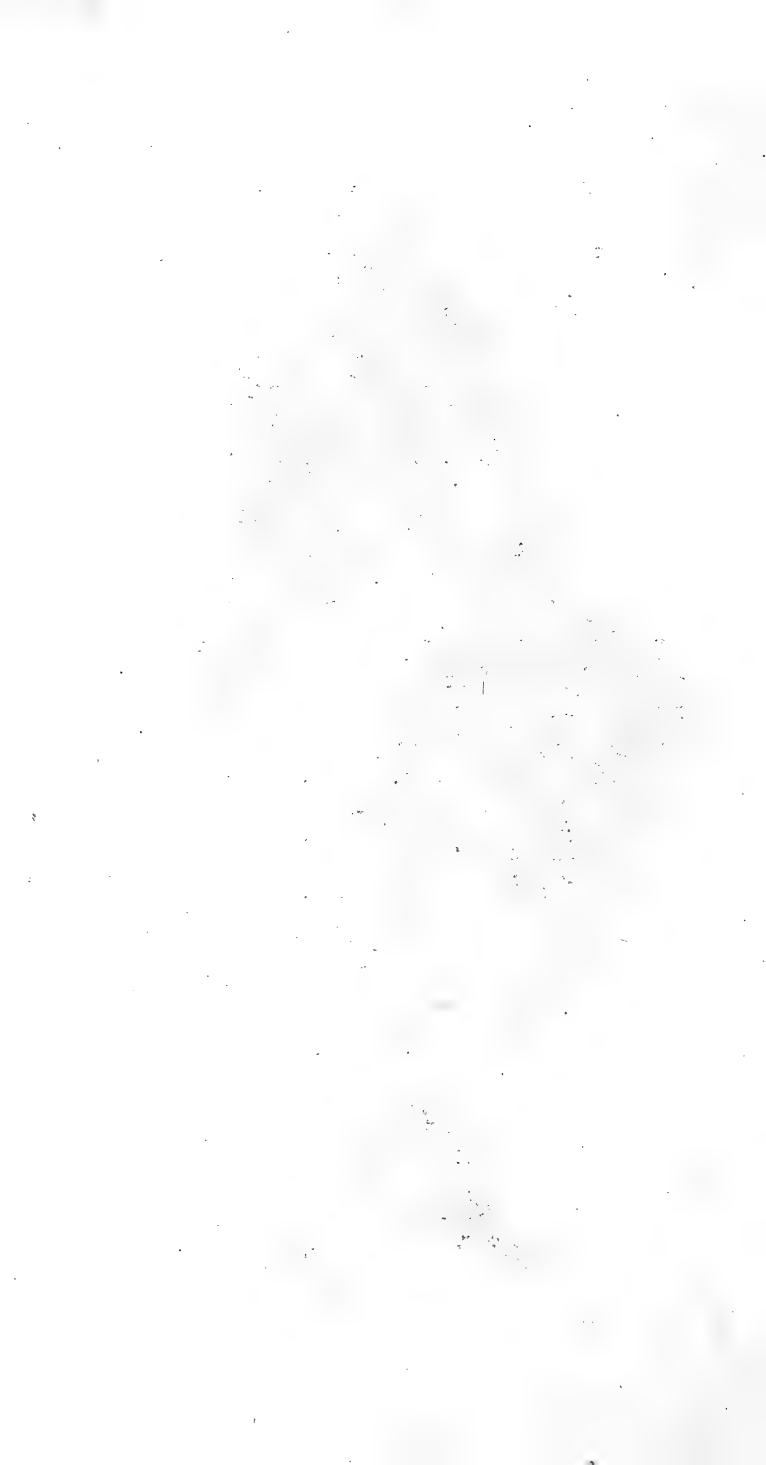


934 Tafel.

CYPRINUS AURATUS.  
*Der Gold-Karpfen.*  
*La Dorade Chinoise.*  
*The Gold-Fish.*



*Cyprinus Auratus.*



CYPRINUS AURATUS  
Der Goldkarpfen.  
Le Kin-yu.  
The Gold Fish.

Fig. 1.

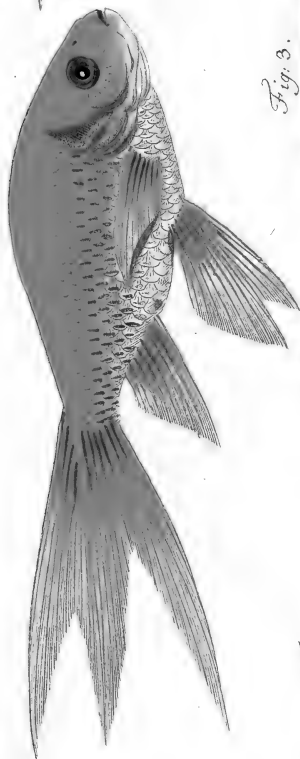


Fig. 3.

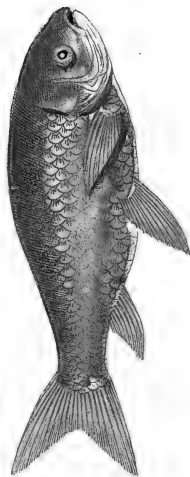


Fig. 2.

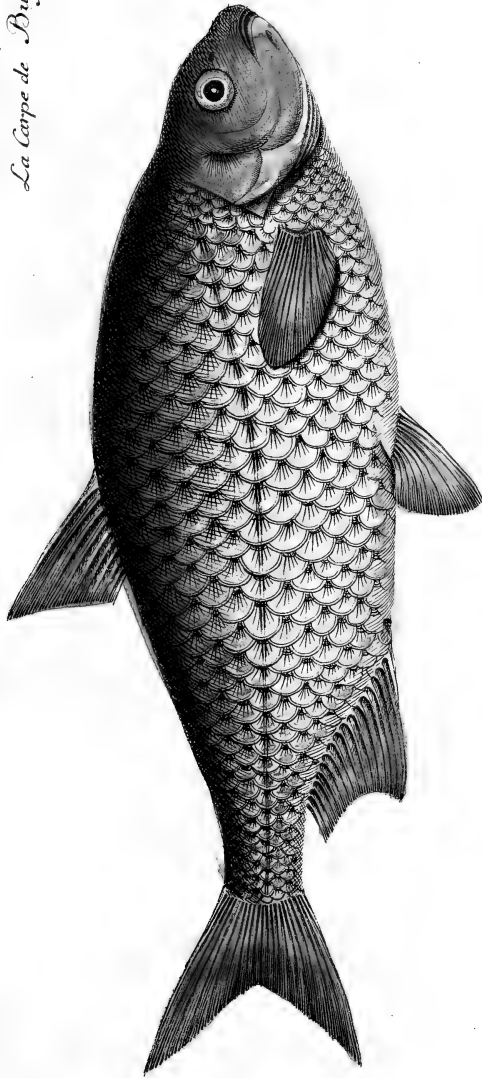




*CYPRINUS BUGENHAGII.*

*Der Leiter.*

*La Carpe de Bugenhacine.*



C. E. Gürschke sc.



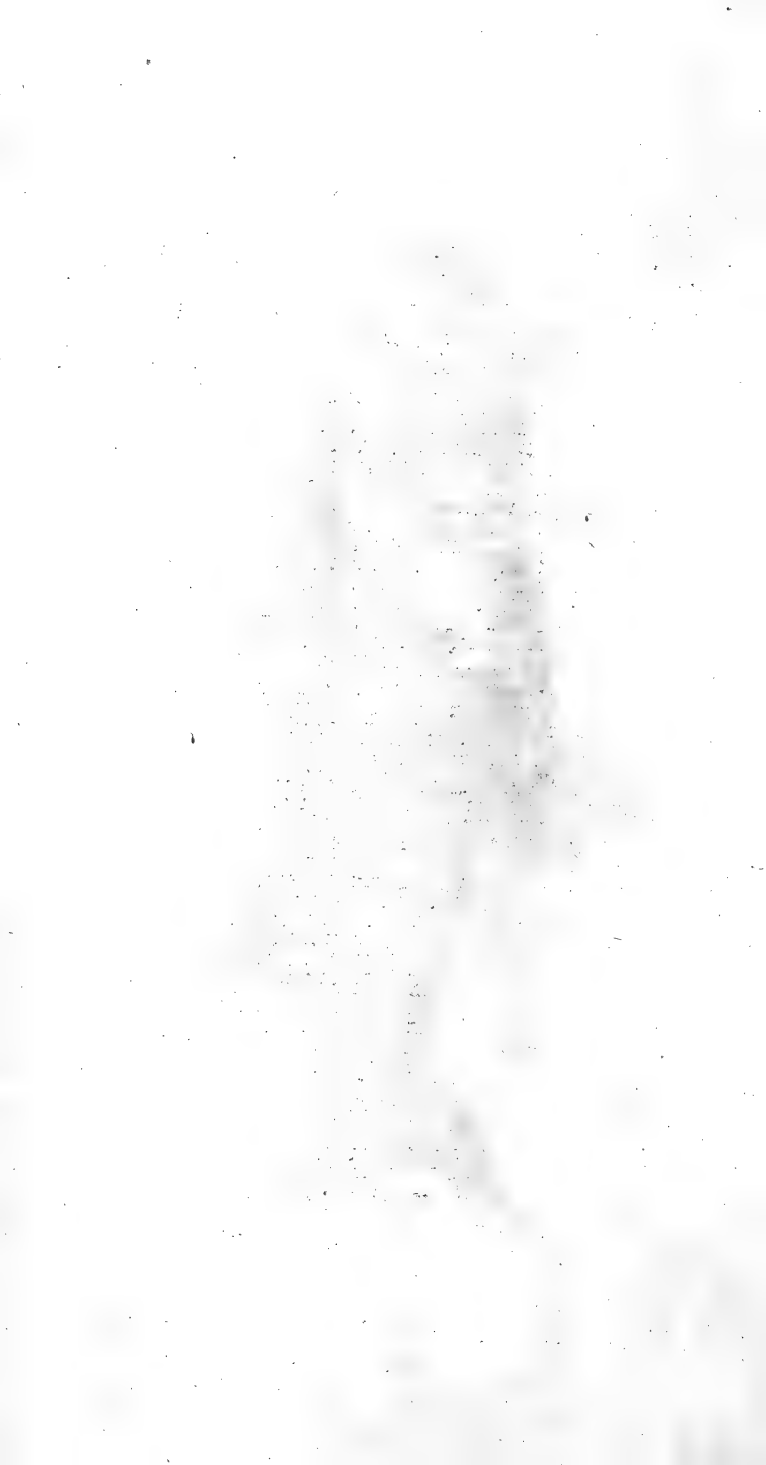
96 to 100

CYPRINUS ORFUS.

Die Orfe.  
L' Orfe.  
The Orf.



W. H. Stanger del.



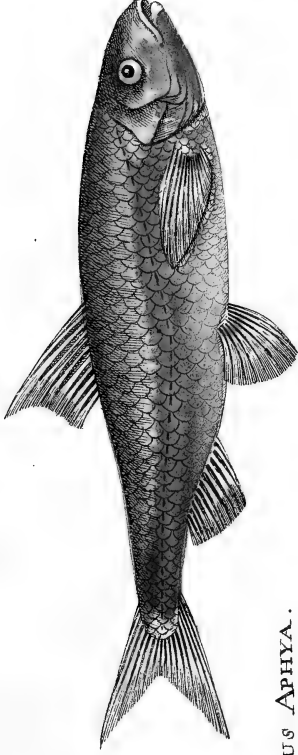


CYPRINUS LEUCISCUS.

*Der Lauben.*

*La Vandoise.*

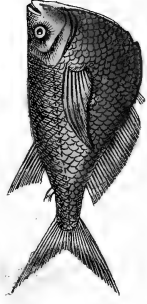
*The Dace.*



GASTEROPELECUS.

*Das Gärtnermesser.*

*La Serpe.*



CYPRINUS APHYA.

*Der Spirling.*

*L'Aphie.*





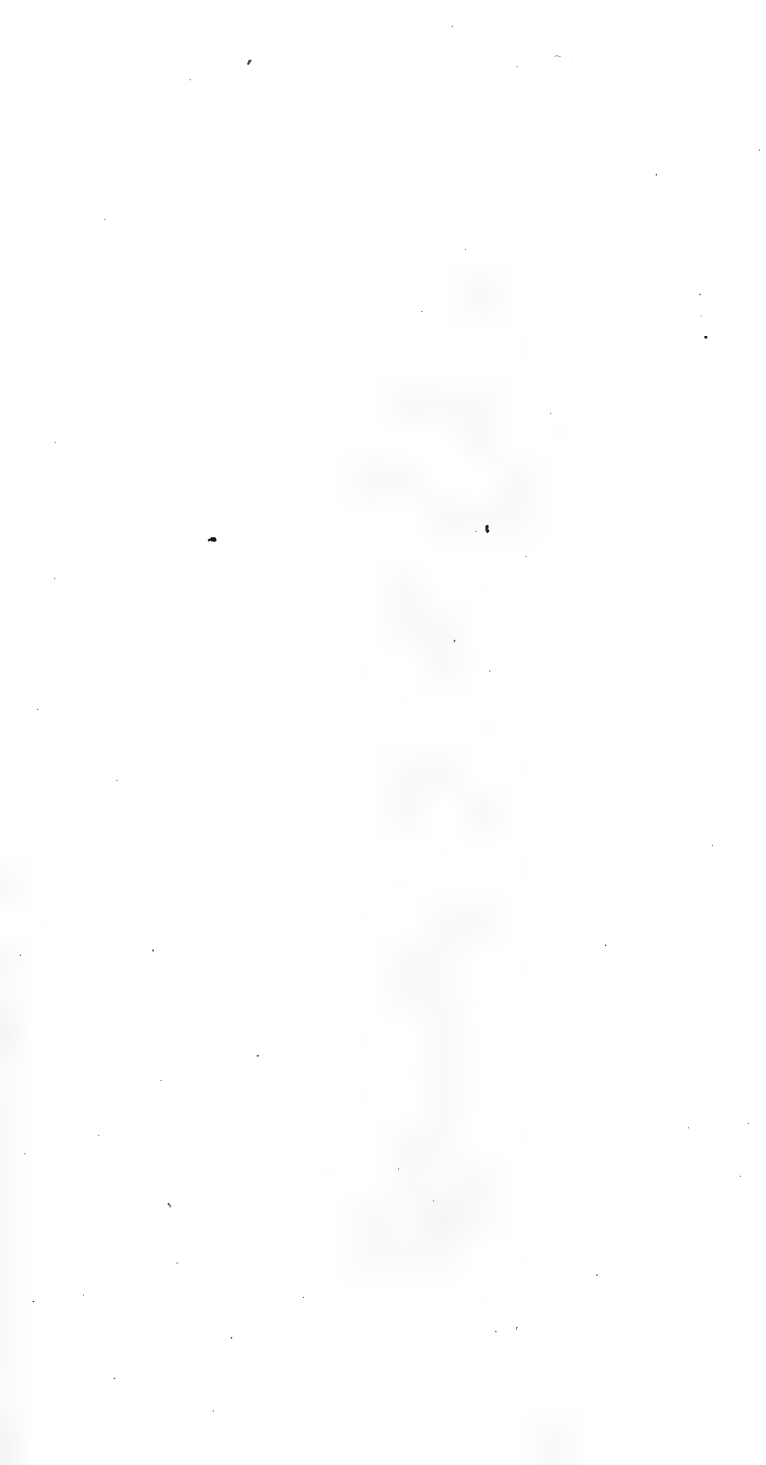
SALMO SALAR MAS.

Der Hakenlachs.

Le Saumon Becard.



C. F. Giesecke sc.



*SALMO SALVELINUS.*

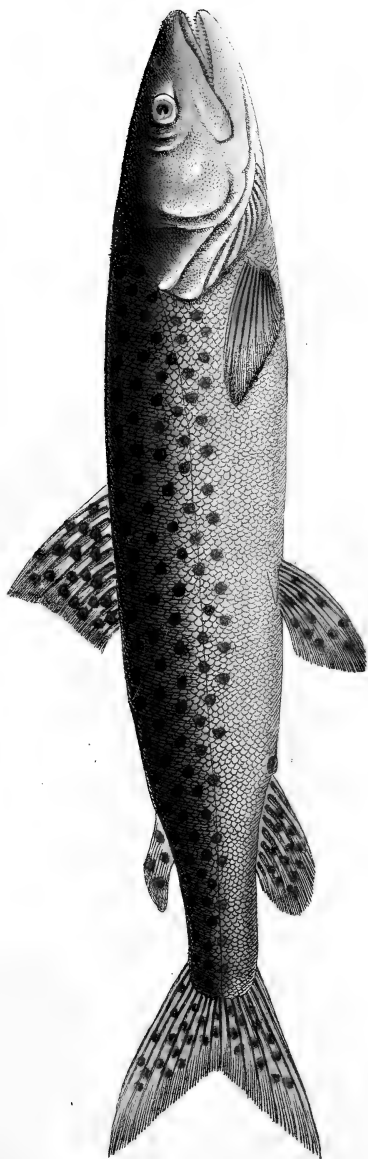
*Der Salbling.*

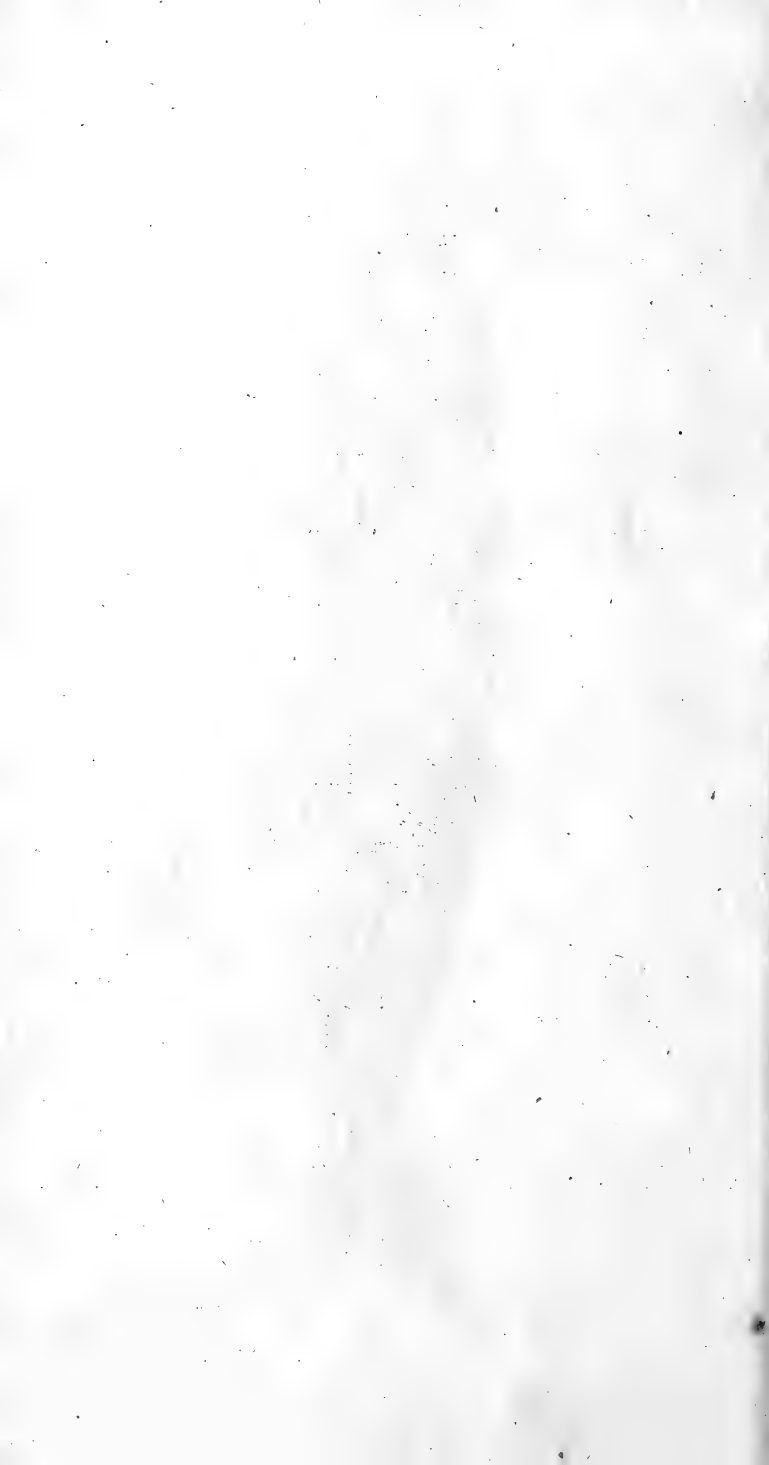
*L'Omble.*





SALMO HUCHO .  
Der Huach.  
Le Huach.



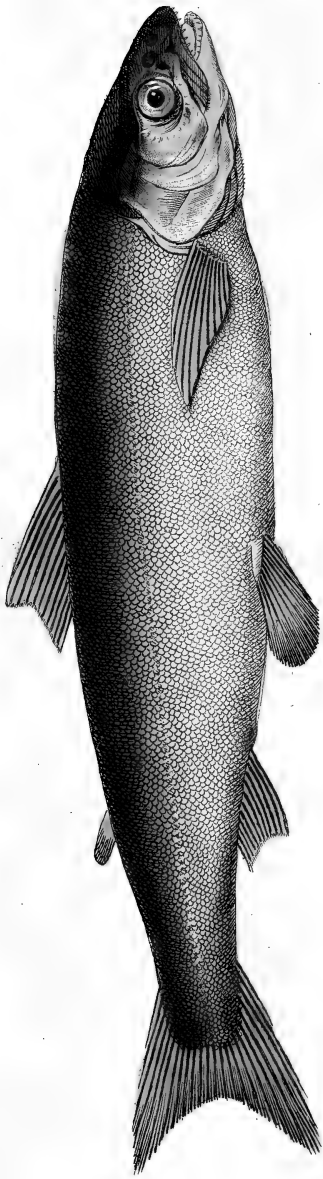




SALMO UMBLA.

Der Ritter.

Le Ombre Chevalier.



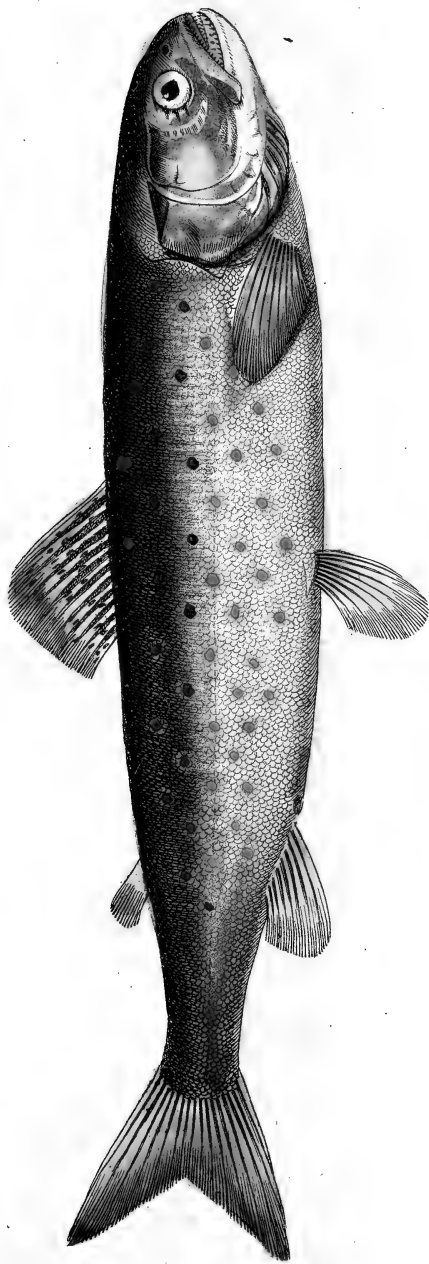
J. G. G. G. G.



*SALMO GOEDENII.*

*Die See Forelle.*

*La Truite de Mer.*



*C. F. Günther sc.*



"  
SALMO SCHIFERMÜLLERI -

*Der Silberlachs.*

*Le Saumon argenté.*

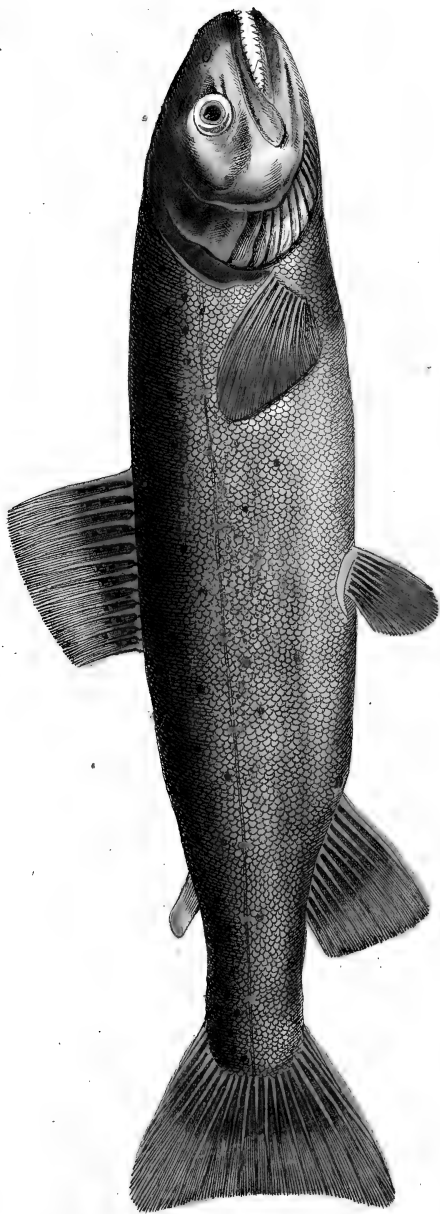




SALMO ALPINUS.

Die Alpforelle.

La Truite des Alpes.



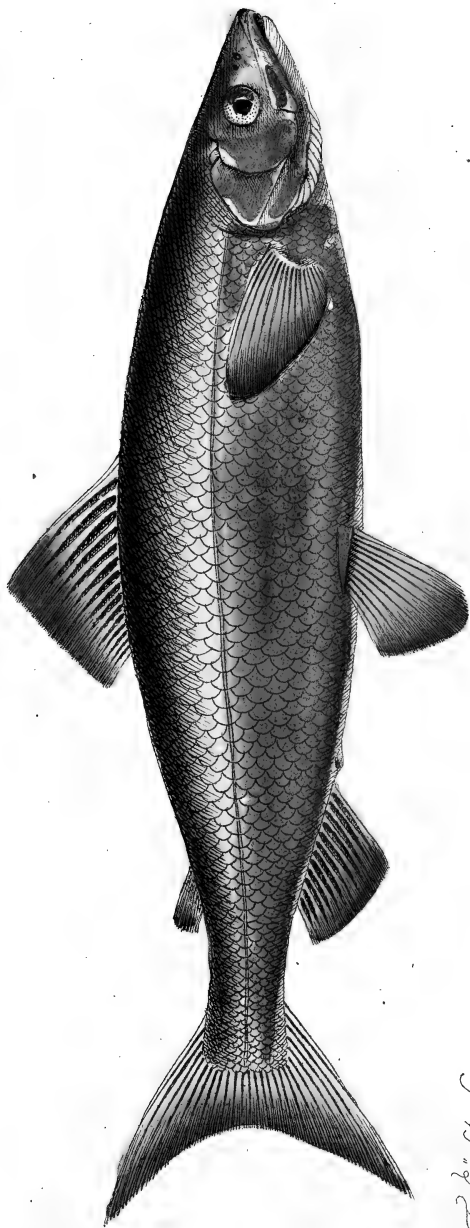




SALMO. WARTMANN.

Das Blaufelchen.

L'Ombre bleu.



C. Fr. Guss. Sch. Sc.

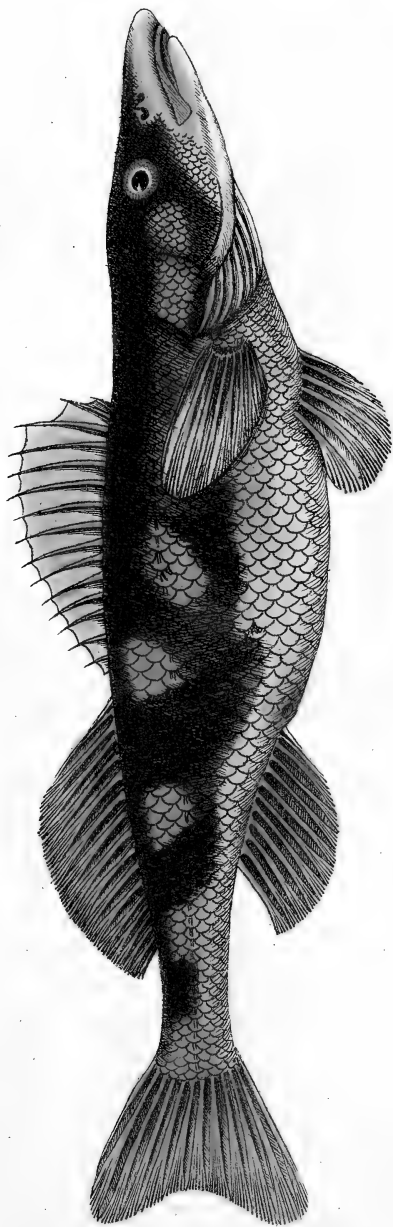


PERCA ZINGEL.

Der Fingel-

Le Cingle -

The singel-



C. F. Günsch Sc.



Fig. 1. PERCA ASPER.

Der Steber  
L'Apron

Fig. 2. GOBIUS JOZO.

Die Blaugrundel.  
Le Goujons bleu.  
The blue Goby.

Fig. 1.

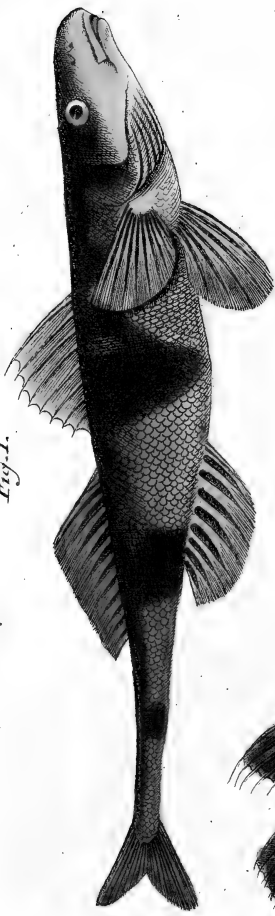
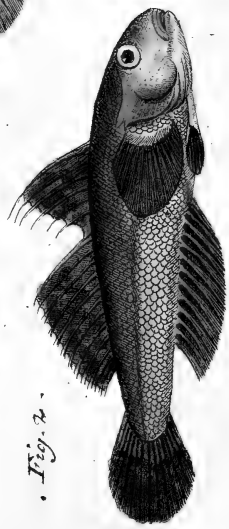


Fig. 2.

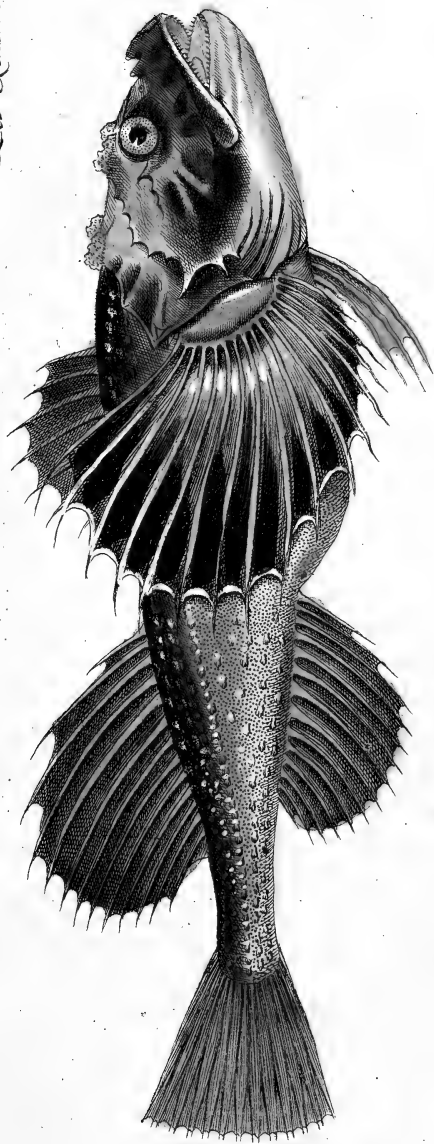




COTTUS QUADRICORNIS

Der Seebull.

La Quatre cornes.

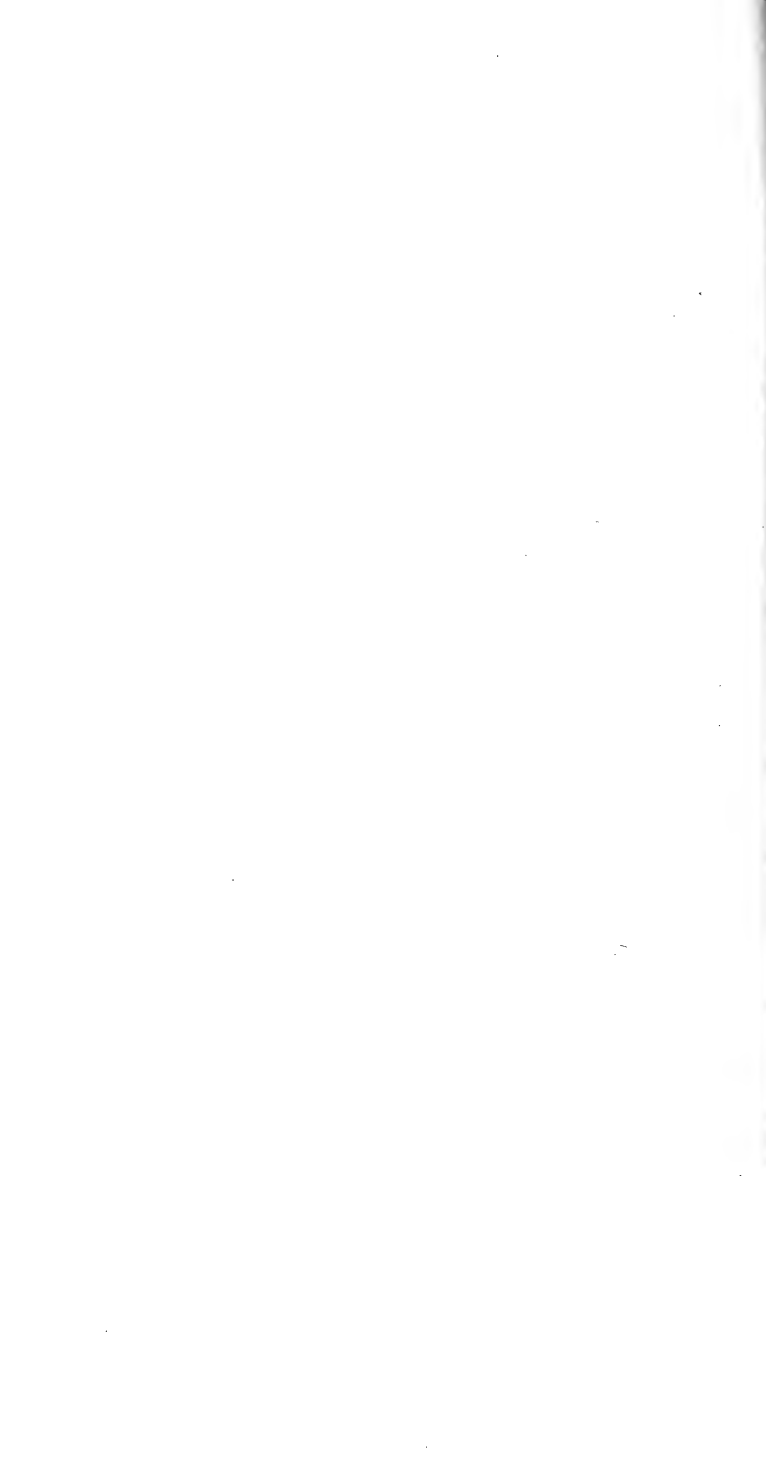


C. F. Gursch sc.

1594

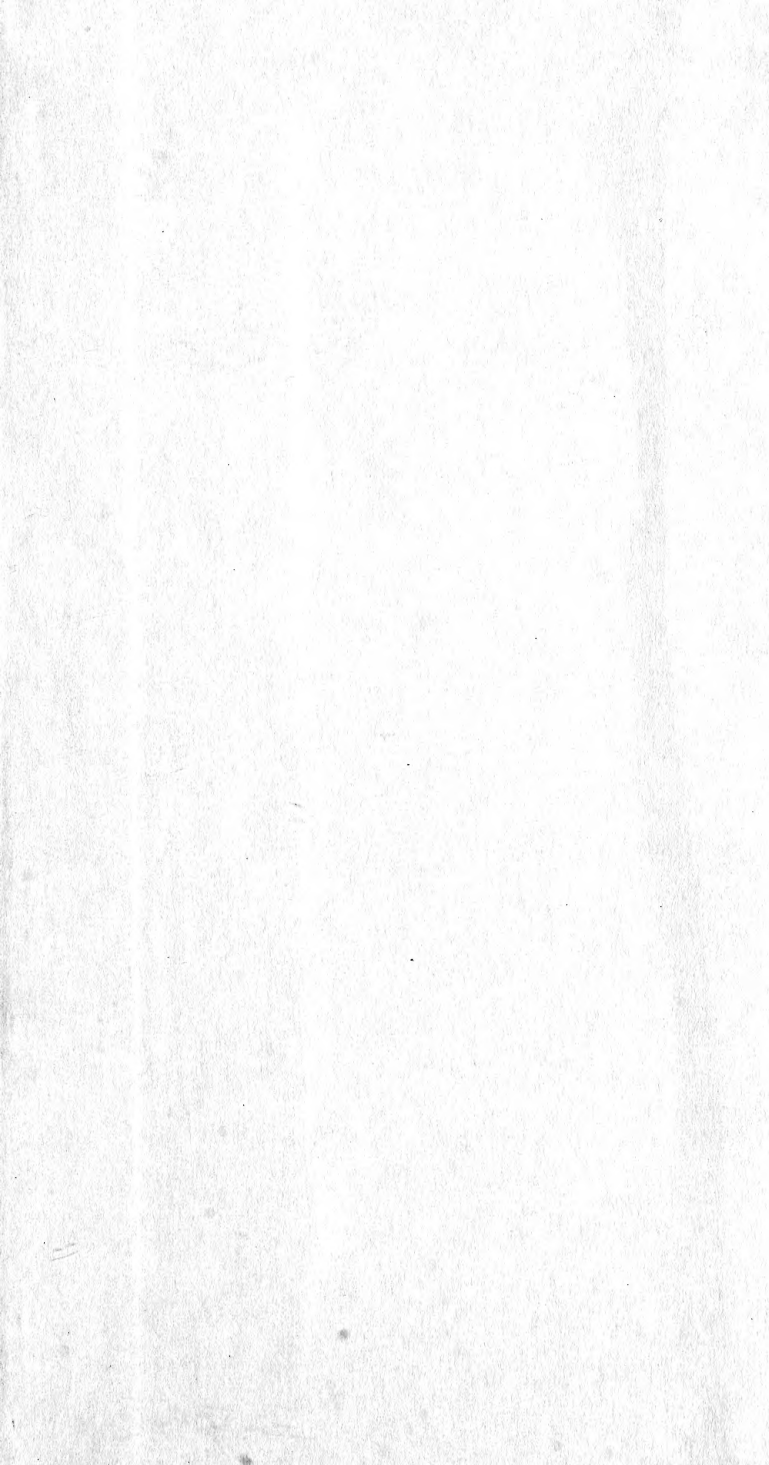












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